



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 10-27-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 1
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor DEWEY RISTER / JOHNNY DENNIS	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP **AFE Description:**

AFE Costs 5,382,759	Previous Day Cum 0	Daily Costs 25,794	Cumulative Cost 25,794	AFE Remaining 5,356,965	AFE % 0.48
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Status	RUNNING 5.5 PRODUCTION CASING @87%
Comment Summary	RIG UP CASING CREW AND RUN 5.5 CASING.
24 HR Forecast	RUNING 5.5 PRODUCTION CASING,CEMENT CASING ,SET SLIPS, MAKE FINAL CUT NIPPLE DOWN BOPS.

24 HR Operational Comments

From	To	Duration	Operation Description
04:00PM	08:00PM	4.00	HOLD SAFETY MEETING RIG UP CSG CREW AND CRT TOOL AND CLEAN RIG FLOOR.
08:00PM	12:00AM	4.00	PICK UP AND MAKE UP FLOAT EQUIPMENT,LATCH COLLAR AND ORIO VALVE AND RUN 5.5 CASING F/O -TO 2982'

Remarks
0000 -0600 RUN 5.5 CASING FROM/2982' - TO/8798'

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	

Personnel

Company Name	No of People	Hours Today	Cum / Event
ENVIORMENTAL DRILLING S	2	24.0	24.0
PIONEER DRILLING	11	24.0	24.0
HORIZON MUD	1	24.0	24.0
SDS	2	0.0	0.0
NEW TECH	1	24.0	24.0
Total:	17	96.0	96.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product DIESEL, MUD	QTY 1,426.0
DIESEL, RIG FUEL	4,086.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	0	0	0	45,000	
70006	CEMENT AND CEMENTING SERVICES	170,000	0	7,654	7,654	162,346	FLOAT EQUIPMENT
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	0	0	0	9,000	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	0	7,590	7,590	81,410	PIONEER #56
70021	CONTRACT SUPERVISION			578			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			578			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	0	1,155	1,155	78,845	
70022	DIRECTIONAL DRILLING			3,960			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			3,960			
70025	DRILLING FLUIDS	10,000	0	2,668	2,668	7,332	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			157			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			26			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			133			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			20			LIGHT TOWER
70031	EQUIPMENT RENTAL			28			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			83			MANLIFT
70031	EQUIPMENT RENTAL			33			H2S MONITORING
70031	EQUIPMENT RENTAL			28			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			8			TRASH TRAILER
70031	EQUIPMENT RENTAL			28			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			66			ROTATING HEAD
70031	EQUIPMENT RENTAL			26			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			66			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			100			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			25			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			949			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			200			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			66			PHONE / INTERNET
70031	EQUIPMENT RENTAL			66			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			28			DD HOUSE
70031	EQUIPMENT RENTAL			50			CAN-VAC
70031	EQUIPMENT RENTAL			274			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			20			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			132			PRE-MIX TANK
70031	EQUIPMENT RENTAL			157			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL	215,890	0	2,768	2,768	213,122	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	0	0	0	301,000	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON			0			MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	0	0	0	285,940	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	0	25,794	25,794	4,884,685	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	0	0	0	300,000	
71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	0	0	0	35,000	



Daily Land - Orig Comp Report

Total Tangible Cost	472,280	0		0	472,280	
Total:	5,382,759	0	25,794	25,794	5,356,965	



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 10-28-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 2
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor DEWEY RISTER / JOHNNY DENNIS	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP **AFE Description:**

AFE Costs 5,382,759	Previous Day Cum 25,794	Daily Costs 557,964	Cumulative Cost 583,758	AFE Remaining 4,799,001	AFE % 10.84
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Status NIPPLEING DOWN BOPS
Comment Summary RUN PROD CASING TO 16019' ,CIRC CASING CAPACITY, CEMENT PROD CASING
24 HR Forecast NIPPLE DOWN BOPS, SET SLIPS , MAKE ROUGH CUT ON CASING, LAY OUT BOPS, MAKE FINAL CUT ,DRESS 5.5 CASING,INSTALL TA CAP,CLEAN MUD TANKS AND RIG DOWN BACKYARD AND FLOOR.

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	03:30PM	15.50	RUN 5.5 CASING , 20 # TXP P-110IC CASING AS FOLLOWS: 1 FLT SHOE 1.42' SET @ 16016',1JT CASING, 1 FLT COLLAR 1.16' SET TOP@15970' , 1 LATCH COLLAR 1.11',SET TOP@15969'.1 CASING JOINT. 1 ORIO VALVE 3.46'.SET TOP@ 15922'.1ST MARKER JT 21.15' SET TOP @9406',2ND MARKER JT 19.65' SET TOP @7471'. 383 JTS TOTAL+2 MARKER JTS= 16021',WITH 5' STICK UP.
03:30PM	05:30PM	2.00	CIRC & RIG DOWN CASING TONGS, MIX WEIGHTED SPACER, RIG UP CEMENT LINES.
05:30PM	10:00PM	4.50	PJSM/ PIONEER & CREST CEMENTERS:PUMP 5 BBL H2O,TESTED LINES TO 6000 PSI, PUMP 90 BBL 11 PPG GXT TREATED WATER SPACER, LEAD CEMENT - 580 SKS [249 BBLs] OF CLASS H 50/50 POZ, YLD 2.41, WT. 11.9 PPG, H2O 12.62 + ADDITIVES; TAIL CEMENT - 1930 SKS [550 BBLs] OF CLASS H+, YLD - 1.60, WT. 13.2 PPG, H2O 7.58 + ADDITIVES, DISPLACED 333 BBL H2O, FAST RATE 6.5 BPM 2000 PSI,SLOW RATE TO 4 BPM 2670 PSI, BUMP PLUG 3000 PSI, @ 21.36. 10/28/14 FLOATS HELD,233 SACK OF CEMENT RETURN TO SURFACE.
10:00PM	11:00PM	1.00	RIG DOWN CEMENTERS AND CLEAR RIG FLOOR.
11:00PM	12:00AM	1.00	HELD SAFTEY MEETING WINCH AND WRENCH NIPPLE DOWN CREW.WASH THRU STACK, REMOVE TURN BUCKLES AND ACCUMULTOR HOSES.

Remarks
0000 - 0600 NIPPLE DOWN BOP STACK, SET SLIPS WITH 150K, MAKE ROUGH CUT AND LAY DOWN BOPS.

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	

Personnel

Company Name	No of People	Hours Today	Cum / Event
HORIZON MUD	1	24.0	48.0
SDS	2	0.0	0.0
PIONEER DRILLING	11	24.0	48.0
NEW TECH	1	24.0	48.0
ENVIORMENTAL DRILLING S	2	24.0	48.0
Total:	17	96.0	192.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product DIESEL, MUD	QTY 0.0
DIESEL, RIG FUEL	7,136.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW			22,119			CRT TOOLS
70004	CASING CREW			13,056			RUN 5.5 CASING
70004	CASING CREW	45,000	0	35,175	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES			23,150			ORIO VALVE
70006	CEMENT AND CEMENTING SERVICES			130,634			CEMENT CASING
70006	CEMENT AND CEMENTING SERVICES	170,000	7,654	153,784	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	0	0	0	9,000	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	7,590	23,000	30,590	58,410	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	1,155	3,500	4,655	75,345	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			12,000			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	12,000	15,960		
70025	DRILLING FLUIDS	10,000	2,668	0	2,668	7,332	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			475			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			85			DD HOUSE
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			150			CAN-VAC
70031	EQUIPMENT RENTAL			605			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			400			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			300			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			80			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			100			H2S MONITORING
70031	EQUIPMENT RENTAL			400			PRE-MIX TANK
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			200			ROTATING HEAD
70031	EQUIPMENT RENTAL			2,875			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			273			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL	215,890	2,768	7,823	10,591	205,299	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	0	0	0	301,000	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	0	0	0	285,940	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	25,794	235,282	261,076	4,649,403	



Daily Land - Orig Comp Report

71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	0	322,682	322,682	-22,682	16014' 5 1/2 , 20#
71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	0	0	0	35,000	
Total Tangible Cost		472,280	0	322,682	322,682	149,598	
Total:		5,382,759	25,794	557,964	583,758	4,799,001	



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 10-29-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 3
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor COBY WILHELM / CURTIS MINZENMAYER	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP **AFE Description:**

AFE Costs 5,382,759	Previous Day Cum 583,758	Daily Costs 143,596	Cumulative Cost 727,354	AFE Remaining 4,655,405	AFE % 13.51
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Status	RIGGING DOWN, WAIT ON TRUCKS, CLEAN
Comment Summary	NIPPLE DOWN STACK, CUT , MAKE FINAL CUT INSTALL WELL CAP, CLEAN PITS, RIGGING DOWN FLOOR & BACKYARD
24 HR Forecast	WASH RIG, L/D DERRICK, SPLIT SUB, BEGIN RIG REPAIRS

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	06:00AM	6.00	NIPPLE DOWN BOP STACK, SET SLIPS WITH 150K, MAKE ROUGH CUT AND LAY DOWN BOPS.
06:00AM	08:30AM	2.50	MAKE FINAL CUT, INSTALL WELL CAP, TORQUE BOLTS
08:30AM	04:30PM	8.00	CLEAN MUD TANKS WHILE RIGGING DOWN FLOOR AND BACK YARD.
04:30PM	12:00AM	7.50	RIGGING DOWN, CLEANING RIG

Remarks
00:00-06:00 RIGGING DOWN, WASH RIG, WAIT ON TRUCKS

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	

Personnel

Company Name	No of People	Hours Today	Cum / Event
HORIZON MUD	1	24.0	72.0
NEW TECH	1	24.0	72.0
ENVIRONMENTAL DRILLING &	2	24.0	72.0
PIONEER DRILLING	11	24.0	72.0
SDS	2	0.0	0.0
Total:	17	96.0	288.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	3,458.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR			5,865			NIPPLE DOWN
70017	CONTRACT LABOR			600			TRAILER HOUSE CLEANING 2
70017	CONTRACT LABOR	9,000	0	6,465	6,465	2,535	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	30,590	23,000	53,590	35,410	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	4,655	3,500	8,155	71,845	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		15,960	0	15,960		
70025	DRILLING FLUIDS	10,000	2,668	79,983	82,651	-72,651	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			400			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			200			ROTATING HEAD
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			80			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			273			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			605			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			2,875			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			85			DD HOUSE
70031	EQUIPMENT RENTAL			300			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			100			H2S MONITORING
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			150			CAN-VAC
70031	EQUIPMENT RENTAL			475			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			400			PRE-MIX TANK
70031	EQUIPMENT RENTAL	215,890	10,591	7,823	18,414	197,476	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	0	11,789	11,789	289,211	RIG FUEL
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE			2,258			SHAKER SCREENS
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	0	395	395	285,545	CASING AND CUTOFFS
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	261,076	135,214	396,289	4,514,190	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	



APACHE CORPORATION

Daily Land - Orig Comp Report

71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY			2,060			WELL CAP ASSEMBLY
71056	WELLHEAD ASSEMBLY			6,323			WELL CAP,2" PIPE NIPPLE, BALL VALV
71056	WELLHEAD ASSEMBLY	35,000	0	8,383	8,383	26,617	
Total Tangible Cost		472,280	322,682	8,383	331,065	141,215	
Total:		5,382,759	583,758	143,596	727,354	4,655,405	



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 10-30-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 4
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor COBY WILHELM / CURTIS MINZENMAYER	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP **AFE Description:**

AFE Costs 5,382,759	Previous Day Cum 718,133	Daily Costs 114,306	Cumulative Cost 832,439	AFE Remaining 4,550,320	AFE % 15.46
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Status	WASHING SUB,DERRICK, AND PITS
Comment Summary	RIGGING DOWN
24 HR Forecast	FINISH CLEANING RIG, AND DOING RIG REPAIRS, SPLIT DERRICK AND SUB

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	12:00AM	24.00	RIGGING DOWN AND WASHING RIG TO LOAD OUT FOR SKIDD PACKAGE

Remarks

00:00-06:00 WASHING SUB, DERRICK, PITS

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
SDS	2	0.0	0.0
ENVIORMENTAL DRILLING &	2	24.0	96.0
NEW TECH	1	24.0	96.0
PIONEER DRILLING	11	24.0	96.0
HORIZON MUD	1	24.0	96.0
Total:	17	96.0	384.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product DIESEL, MUD DIESEL, RIG FUEL	QTY 0.0 3,297.0
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APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	6,465	0	6,465	2,535	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	53,590	23,000	76,590	12,410	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	8,155	3,500	11,655	68,345	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	89,710	79,983	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			2,875			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			150			CAN-VAC
70031	EQUIPMENT RENTAL			80			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			400			PRE-MIX TANK
70031	EQUIPMENT RENTAL			200			ROTATING HEAD
70031	EQUIPMENT RENTAL			273			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			85			DD HOUSE
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			300			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			100			H2S MONITORING
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			605			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			400			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			475			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL	215,890	14,134	7,823	21,957	193,933	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	395	0	395	285,545	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	387,068	114,306	501,374	4,409,105	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	



Daily Land - Orig Comp Report

71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617
Total Tangible Cost		472,280	331,065		331,065	141,215
Total:		5,382,759	718,133	114,306	832,439	4,550,320



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 10-31-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 5
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor COBY WILHELM / CURTIS MINZENMAYER	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP **AFE Description:**

AFE Costs 5,382,759	Previous Day Cum 798,171	Daily Costs 6,205	Cumulative Cost 804,376	AFE Remaining 4,578,383	AFE % 14.94
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Status	WASHING RIG
Comment Summary	RIGGING DOWN AND CLEANING RIG
24 HR Forecast	LOAD OUT SUB AND CROWN TO BE SENT HOUSTON, START RIG REPAIRS

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	12:00AM	24.00	REMOVE DERRICK FROM FLOOR, TAKE BLOCK OUT OF DERRICK, REMOVE DRAWWORKS, AND FLOOR FROM SUB, SET ALL OTHER RIG EQUIPMENT ASIDE TO BE INSPECTED, LOADED OUT SHAKERS, SHAKER TANK, TO BE SENT TO HOUSTON, STARTED WASHING SUB, TO BE SENT TO HOUSTON.

Remarks

00:00-06:00 WASHING RIG

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
PIONEER DRILLING	11	24.0	120.0
NEW TECH	1	24.0	120.0
SDS	2	0.0	0.0
HORIZON MUD	1	24.0	120.0
Total:	15	72.0	360.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	2,573.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	6,465	0	6,465	2,535	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	47,840	0	47,840	41,160	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	11,655	3,500	15,155	64,845	
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			150			CAN-VAC
70031	EQUIPMENT RENTAL			200			ROTATING HEAD
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			475			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL	215,890	16,439	2,705	19,144	196,746	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	395	0	395	285,545	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	467,106	6,205	473,311	4,437,168	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	



Daily Land - Orig Comp Report

71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617
Total Tangible Cost		472,280	331,065		331,065	141,215
Total:		5,382,759	798,171	6,205	804,376	4,578,383



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 11-01-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 6
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor COBY WILHELM / CURTIS MINZENMAYER	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP **AFE Description:**

AFE Costs 5,382,759	Previous Day Cum 804,376	Daily Costs 6,205	Cumulative Cost 810,581	AFE Remaining 4,572,178	AFE % 15.06
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Status	CLEANING RIG, AND RIG REPAIRS
Comment Summary	TAKE CROWN SECTION OFF DERRICK TO BE SENT TO HOUSTON, RIG REPAIR, WASH AND CLEAN RIG
24 HR Forecast	RIG REPAIRS

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	06:00AM	6.00	WASH ON SUB, DERRICK, FLOOR,
06:00AM	01:30PM	7.50	LOAD OUT CROWN SECTION TO BE SENT HOUSTON, RELEASED TRUCKS AT CRANES AT 14:00
01:30PM	12:00AM	10.50	WASH ON SUB AND PRPAIR RIG TO INSTALL SKID PACKAGE

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
SDS	2	0.0	0.0
PIONEER DRILLING	11	24.0	144.0
NEW TECH	1	24.0	144.0
HORIZON MUD	1	24.0	144.0
Total:	15	72.0	432.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	2,573.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	6,465	0	6,465	2,535	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	47,840	0	47,840	41,160	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	15,155	3,500	18,655	61,345	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			475			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			150			CAN-VAC
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			200			ROTATING HEAD
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL	215,890	19,144	2,705	21,849	194,041	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	395	0	395	285,545	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	473,311	6,205	479,516	4,430,963	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	



Daily Land - Orig Comp Report

71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617
Total Tangible Cost		472,280	331,065		331,065	141,215
Total:		5,382,759	804,376	6,205	810,581	4,572,178



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 11-02-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 7
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor COBY WILHELM	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP **AFE Description:**

AFE Costs 5,382,759	Previous Day Cum 810,581	Daily Costs 6,205	Cumulative Cost 816,786	AFE Remaining 4,565,973	AFE % 15.17
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Status	RIG REPAIR
Comment Summary	RIG REPAIR
24 HR Forecast	RIG REPAIR

24 HR Operational Comments

From 12:00AM	To 11:00PM	Duration 24.00	Operation Description FINISH CLEANING SUB, LOAD OUT SUB, RIG REPAIRS
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Remarks

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00:00 - 06:00 WASH RIG AND DO RIG REPAIRS

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
NEW TECH	1	24.0	168.0
HORIZON MUD	1	24.0	168.0
SDS	2	0.0	0.0
PIONEER DRILLING	11	24.0	168.0



Daily Land - Orig Comp Report

Total:	15	72.0	504.0
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Safety Drills

Rams	Annulars	Casing	Last BOP Test	Next BOP Test
5,000.00 (psi)	1,500.00 (psi)	10/12/2014 / 1,500.00 (psi)	10/12/2014	11/2/2014

BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	2,573.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	6,465	0	6,465	2,535	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	47,840	0	47,840	41,160	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	18,655	3,500	22,155	57,845	
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			150			CAN-VAC
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			200			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			475			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL	215,890	21,849	2,705	24,554	191,336	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	395	0	395	285,545	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	479,516	6,205	485,721	4,424,758	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	



Daily Land - Orig Comp Report

71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617
Total Tangible Cost		472,280	331,065		331,065	141,215
Total:		5,382,759	810,581	6,205	816,786	4,565,973



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 11-03-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 8
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor COBY WILHELM	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP **AFE Description:**

AFE Costs 5,382,759	Previous Day Cum 816,786	Daily Costs 6,205	Cumulative Cost 822,991	AFE Remaining 4,559,768	AFE % 15.29
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Status	RIG MAINTANCE
Comment Summary	RIG MAINTANCE
24 HR Forecast	RIG MAINTANCE

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	06:00AM	6.00	CLEANING AND POWER WASHING RIG
06:00AM	06:00PM	12.00	CLEANING RIG,REPLACING MODULES ON #1PUMP,

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
HORIZON MUD	1	24.0	192.0
SDS	2	0.0	0.0
PIONEER DRILLING	11	24.0	192.0
NEW TECH	1	24.0	192.0
Total:	15	72.0	576.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	2,573.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	6,465	0	6,465	2,535	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	47,840	0	47,840	41,160	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	22,155	3,500	25,655	54,345	
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			150			CAN-VAC
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			475			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			200			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL	215,890	24,554	2,705	27,259	188,631	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	395	0	395	285,545	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	485,721	6,205	491,926	4,418,553	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	



Daily Land - Orig Comp Report

71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617
Total Tangible Cost		472,280	331,065		331,065	141,215
Total:		5,382,759	816,786	6,205	822,991	4,559,768



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 11-04-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 9
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor COBY WILHELM	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP	AFE Description:
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AFE Costs 5,382,759	Previous Day Cum 952,796	Daily Costs 28,380	Cumulative Cost 981,176	AFE Remaining 4,401,583	AFE % 18.23
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Status	RIG MAINTANCE
Comment Summary	RIG MAINTANCE
24 HR Forecast	RIG MAINTANCE

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	06:00AM	6.00	REMOVE #1 & #2 WATER PUMPS, WASH DERRICK AND TOP DRIVE FOR INSPECTION
06:00AM	12:00PM	6.00	INSTALL LOAD HITCH AND POLES ON KOOMEY SKID,CUT SKID ON TOP DRIVE HOUSE,CUT HOPPER OUT OF HOUSE,CUT HARD LINES OUT OF SUIT CASES, INSTALL HARDLINES ON PUMP
12:00PM	06:00PM	6.00	CHANGE OUT BRAKE WATER PUMP, PICK UP LOOSE METAL AROUND LOCATION AND TRASH, CHANGE OUT CROSS HEAD PIN ON # 1 PUMP, REMOVE WIRWES FROM TOP DRIVE SUITCASE, CLEAN OUT CHOKE HOUSE
06:00PM	12:00AM	6.00	REMOVE ROTATING HEAD FROM HYDRILL, PUT ALL NUTS BACK ON DSA AND SPACER SPOIL, CLEAN LOCATION

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
SDS	2	0.0	0.0
PIONEER DRILLING	11	24.0	216.0
NEW TECH	1	24.0	216.0
HORIZON MUD	1	24.0	216.0
Total:	15	72.0	648.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product DIESEL, MUD	QTY 0.0
DIESEL, RIG FUEL	1,573.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,165	0	38,165	-29,165	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	139,840	23,000	162,840	-73,840	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	25,655	3,500	29,155	50,845	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL	215,890	24,284	1,880	26,164	189,726	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	9,475	0	9,475	276,465	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	621,731	28,380	650,111	4,260,368	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	



Daily Land - Orig Comp Report

71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617
Total Tangible Cost		472,280	331,065		331,065	141,215
Total:		5,382,759	952,796	28,380	981,176	4,401,583



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 11-05-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 10
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor DEWEY RISTER / CURTIS MINZENMAYER	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP **AFE Description:**

AFE Costs 5,382,759	Previous Day Cum 981,176	Daily Costs 28,680	Cumulative Cost 1,009,856	AFE Remaining 4,372,903	AFE % 18.76
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Status	RIG MAINTENANCE
Comment Summary	RIG MAINTENANCE
24 HR Forecast	RIG MAINTENANCE

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	06:00AM	6.00	SLIDE CENTRIFUGE PUMPS FORWARD ON PUMPS AND PUMPHOUSE, CHECKED IMPELLERS-ALL GOOD, CLEAN CHANGE HOUSE, LOAD LIGHTS AND ELECTRICAL COMPONENTS IN CO. MAN CONEX
06:00AM	12:00PM	6.00	FINISHED JUNK BOX, MOVED BRAKE WATER 3' ON DRAWWORKS, WORK ON # 2 PUMP WITH BRIDGES, FINISH INSPECTING #1 GENERATOR, CUT LOADING HITCH AND SOME FLOOR TO SHORTEN SKID WORK ON BRAKE WATER TANK
12:00PM	06:00PM	6.00	EXTENDING STAIRS, CUT OFF CHOKE WALLS, CUT KOOMEY SKID TI MAKE HOPPER SKID, CUT WALLS OFF #3 GEN SHED
06:00PM	12:00AM	6.00	CLEAN KOOMEY,PICK UP TRASH, WASH SUITCASE, REMOVE LIGHT OUT OF GENERATOR #3, DRAIN ANTI-FREEZE OUT OF GENERATORS #2 & #3, INSTALL HEATER CORE IN BRAKE COOLING SYSTEM

Remarks

RIG MAINTENANCE

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
HORIZON MUD	1	24.0	240.0
NEW TECH	1	24.0	240.0
PIONEER DRILLING	11	24.0	240.0
SDS	2	0.0	0.0
Total:	15	72.0	720.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	1,573.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,165	300	38,465	-29,465	CLEAN TRAILERS
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	162,840	23,000	185,840	-96,840	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	29,155	3,500	32,655	47,345	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL	215,890	26,164	1,880	28,044	187,846	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	9,475	0	9,475	276,465	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	650,111	28,680	678,791	4,231,688	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	



Daily Land - Orig Comp Report

71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617
Total Tangible Cost		472,280	331,065		331,065	141,215
Total:		5,382,759	981,176	28,680	1,009,856	4,372,903



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 11-06-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 11
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor DEWEY RISTER / CURTIS MINZENMAYER	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP	AFE Description:
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AFE Costs 5,382,759	Previous Day Cum 996,056	Daily Costs 84,080	Cumulative Cost 1,080,136	AFE Remaining 4,302,623	AFE % 20.07
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Status	RIG MAINTENANCE
Comment Summary	RIG MAINTENANCE
24 HR Forecast	RIG MAINTENANCE

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	12:00PM	12.00	WORK ON BRAKE WATER TANK, FINISH INSTALLING LOAD HITCH, EXTENDING RIG FLOOR STAIRS, EXTEND & REMOVE HOPPER HOUSE ROOF TO EXTEND 4" TO MAKE LEVEL WITH MUD PITS, CUT OFF WALLS TO #3 GENERATOR, INSTALL #3 MODULE ON MUD PUMP #2, INSTALL SUCTION HARD LINES, REPLACING ALL RUBBER WITH HARD LINE.
12:00PM	06:00PM	6.00	WORK ON 4" MUDLINE, REPLACE ALL CENTER STEEL IN SUITCASE, CUT SUITCASE DOWN TO FIT SKID PACKAGE, WORK ON TRIP TANK FLOOR AND HANDRAILS, INSTALL WRIST PINS ON PUMPS AND PONY ROD SEALS, WORK ON #2 GENERATOR, INSTALL #1 RADIATOR, INSPECT BRAKE BANDS, PLUMB PUMPS TO BRAKE WATER TANK
06:00PM	12:00AM	6.00	NEEDLE GUN TOP DOGHOUSE, PRIME STAIRS.

Remarks

RIG MAINTENANCE

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
PIONEER DRILLING	11	24.0	264.0
SDS	2	0.0	0.0
NEW TECH	1	24.0	264.0
HORIZON MUD	1	24.0	264.0
Total:	15	72.0	792.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	1,573.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,465	0	38,465	-29,465	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	172,040	20,700	192,740	-103,740	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	32,655	3,500	36,155	43,845	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL	215,890	28,044	1,880	29,924	185,966	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION			58,000			SET RIG OFF HOLE
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	9,475	0	9,475	276,465	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	664,991	84,080	749,071	4,161,408	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	



Daily Land - Orig Comp Report

71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	996,056	84,080	1,080,136	4,302,623	



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 11-07-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 12
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor DEWEY RISTER / CURTIS MINZENMAYER	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP **AFE Description:**

AFE Costs 5,382,759	Previous Day Cum 1,080,136	Daily Costs 26,830	Cumulative Cost 1,106,966	AFE Remaining 4,275,793	AFE % 20.57
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Status	RIG MAINTENANCE
Comment Summary	RIG MAINTENANCE
24 HR Forecast	RIG MAINTENANCE

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	06:00AM	6.00	NEEDLE GUN TOP DOGHOUSE, PRIME STAIRS.
06:00AM	12:00PM	6.00	EXND STAIRS, PUT POLES ON HOPPER SKID, WORK ON HAND RAILS AND SOCKETS ON TRIP TANK, PLUM BRAKE TANK, FINISHED LOADIND HITCH AND FLOOR ON WATER TANK, FINISHED SIDE ON EXTENDING WATER TANK, PAINT JUNK BASKET
12:00PM	06:00PM	6.00	PUT ROOF ON HOPPER SKID, INSTALL MUD LINE IN SUITCASE, PAINT KOOMEY, FINISH OVERHEAD INSPECTION ON #2 GENERATOR, START #3 GEN INSPECTION, PRIME DOGHOUSE FLOOR, PAINT INSIDE WALLS AND ROOF ON DOGHOUSE, INSTALL ROOF ON BRAKE WATER TANK
06:00PM	12:00AM	6.00	NEEDLE GUN TOP DOGHOUSE, PRIME STAIRS, HELP WELDERS, GET #3 GENERATOR READY TO PULL OUT

Remarks	RIG MAINTENANCE
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Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
PIONEER DRILLING	11	24.0	288.0
SDS	2	0.0	0.0
NEW TECH	1	24.0	288.0
HORIZON MUD	1	24.0	288.0
Total:	15	72.0	864.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	1,573.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,465	0	38,465	-29,465	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	192,740	20,700	213,440	-124,440	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	36,155	3,500	39,655	40,345	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			750			2-TRASH TRL DISPOSAL
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL	215,890	29,924	2,630	32,554	183,336	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	9,475	0	9,475	276,465	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	749,071	26,830	775,901	4,134,578	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	



Daily Land - Orig Comp Report

71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,080,136	26,830	1,106,966	4,275,793	



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 11-08-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 13
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor DEWEY RISTER / CURTIS MINZENMAYER	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP **AFE Description:**

AFE Costs 5,382,759	Previous Day Cum 1,106,966	Daily Costs 26,080	Cumulative Cost 1,133,046	AFE Remaining 4,249,713	AFE % 21.05
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Status	RIG MAINTENANCE
Comment Summary	RIG MAINTENANCE
24 HR Forecast	RIG MAINTENANCE

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	06:00AM	6.00	CLEAN AND CHASE ALL STUDS ON STACK AND HYDRILL, REMOVE POP OFFS AND 4" VALVE ON MUD PUMPS
06:00AM	12:00PM	6.00	DO OVERHEAD INSPECTION ON PROTEC, WORK ON INSPECTION #3 GENERATOR, CHANGE VALVES ON SUCTION TAN AND HOPPER, FINISH ROOF ON BRAKE WATER TANK, CLEAN LOCATION
12:00PM	06:00PM	6.00	WORK ON CHANGING MUD PUMP GAUGES TO FLANGE STYLE INSTAED OF THREADED, CHANGE OUT 4" VALVES ON BOTH MUD PUMPS, FINISH ROOF ON HOPPER HOUSE, FINISH #3 OVERHEAD INSPECTION ON #3 GENERATOR, START ON GAS BUSTER SKID, START WORKING ON HAND RAILS FOR HOPPER HOUSE.
06:00PM	12:00AM	6.00	CLEAN OUT JUNK BOX, HELP WELDERS

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
HORIZON MUD	1	24.0	312.0
SDS	2	0.0	0.0
NEW TECH	1	24.0	312.0
PIONEER DRILLING	11	24.0	312.0
Total:	15	72.0	936.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	1,573.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,465	0	38,465	-29,465	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	213,440	20,700	234,140	-145,140	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	39,655	3,500	43,155	36,845	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL	215,890	32,554	1,880	34,434	181,456	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	9,475	0	9,475	276,465	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	775,901	26,080	801,981	4,108,498	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	



Daily Land - Orig Comp Report

71053	TUBING	37,280	0	0	0	37,280
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617
Total Tangible Cost		472,280	331,065		331,065	141,215
Total:		5,382,759	1,106,966	26,080	1,133,046	4,249,713



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 11-09-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 14
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor DEWEY RISTER / CURTIS MINZENMAYER	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP	AFE Description:
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AFE Costs 5,382,759	Previous Day Cum 1,133,046	Daily Costs 26,080	Cumulative Cost 1,159,126	AFE Remaining 4,223,633	AFE % 21.53
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Status	RIG MAINTENANCE
Comment Summary	RIG MAINTENANCE
24 HR Forecast	RIG MAINTENANCE

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	06:00AM	6.00	PICK UP TRASH AND SCRAP METAL, WASH V-DOOR, HELP WELDERS
06:00AM	12:00PM	6.00	WORK ON HANDRAILS ON HOPPER SKID, FINISHED PLUMMING BRAKE WATER TANK, MOVE DOOR ON DOGHOUSE, WORK ON GENERATOR FILTER STAND, REMOVE STAND AND HEATER FROM WATER TANK, PAINT HAND RAILS, PLUMMING SUITCASES
12:00PM	06:00PM	6.00	WORK ON LOAD HITCH FOR TRIP TANK, FINISH HANDRAILS ON BRAKE WATER TANK, WORK ON SUCTION ON BOTH PUMPS, WORK ON POP OFFS, CHANGING TO HAMMER UNIONS, CUT OUT FOR DOGHOUSE WINDOW
06:00PM	12:00AM	6.00	HELP WELDERS, CLEAN UP LOCATION, WASH AND CLEAN OUT WATER TANK

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
PIONEER DRILLING	11	24.0	336.0
HORIZON MUD	1	24.0	336.0
NEW TECH	1	24.0	336.0
SDS	2	0.0	0.0
Total:	15	72.0	1,008.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	1,573.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,465	0	38,465	-29,465	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	234,140	20,700	254,840	-165,840	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	43,155	3,500	46,655	33,345	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL	215,890	34,434	1,880	36,314	179,576	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	9,475	0	9,475	276,465	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	801,981	26,080	828,061	4,082,418	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	



Daily Land - Orig Comp Report

71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,133,046	26,080	1,159,126	4,223,633	



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 11-10-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 15
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor DEWEY RISTER / CURTIS MINZENMAYER	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP	AFE Description:
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AFE Costs 5,382,759	Previous Day Cum 1,159,126	Daily Costs 26,080	Cumulative Cost 1,185,206	AFE Remaining 4,197,553	AFE % 22.02
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Status	RIG MAINTENANCE
Comment Summary	RIG MAINTENANCE
24 HR Forecast	RIG MAINTENANCE

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	06:00AM	6.00	CLEANOUT MUD MIX UNITS, WASH DERRICK STAND, CLEAN FLOWLINE, HELP WELDER, PICK UP SCRAP METAL
06:00AM	12:00PM	6.00	FINISH TRIP TANK, LAY OUT HEADACHE RACK, PLUM IN 2" WATER LINE ON SIDE OF MUD TANK, PRIME CAGE ON TOP DRIVE HOUSE, MOVE HANDRAILS ON TOP OF MUD TANKS,
12:00PM	06:00PM	6.00	PRIME HOPPER HOUSE STAIRWAY, V-DOOR, WORK ON WINDOW ON DOGHOUSE, WELD 4" UNION ON MUD LINES, WORK ON WATER SYSTEM ON WATER PUMP
06:00PM	12:00AM	6.00	HELP WELDERS, PAINTING V-DOOR, WORK ON DOGHOUSE, WORK ON MUD TANKS

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
SDS	2	0.0	0.0
NEW TECH	1	24.0	360.0
PIONEER DRILLING	11	24.0	360.0
HORIZON MUD	1	24.0	360.0
Total:	15	72.0	1,080.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	1,573.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,465	0	38,465	-29,465	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	254,840	20,700	275,540	-186,540	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	46,655	3,500	50,155	29,845	
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL	215,890	36,314	1,880	38,194	177,696	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	9,475	0	9,475	276,465	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	828,061	26,080	854,141	4,056,338	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	



Daily Land - Orig Comp Report

71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,159,126	26,080	1,185,206	4,197,553	



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 11-11-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 16
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor DEWEY RISTER / CURTIS MINZENMAYER	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP **AFE Description:**

AFE Costs 5,382,759	Previous Day Cum 1,185,206	Daily Costs 27,452	Cumulative Cost 1,212,657	AFE Remaining 4,170,102	AFE % 22.53
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Status	RIG MAINTENANCE
Comment Summary	RIG MAINTENANCE
24 HR Forecast	RIG MAINTENANCE

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	12:00AM	24.00	WELD ON RIG EQUIPMENT, STAIRS, WATER & FUEL TANKS, DERRICK STD, DOGHOUSE, SUITCASES. PAINT RIG EQUIP, INSTALL CENT PUMPS, C/O VALVES ETC

Remarks

RIG MAINTENANCE

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
PIONEER DRILLING	11	24.0	384.0
SDS	2	0.0	0.0
HORIZON MUD	1	24.0	384.0
NEW TECH	1	24.0	384.0
Total:	15	72.0	1,152.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	1,573.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,465	0	38,465	-29,465	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	275,540	20,700	296,240	-207,240	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	50,155	3,500	53,655	26,345	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL	215,890	38,194	1,880	40,074	175,816	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	0	11,789	289,211	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	9,475	1,372	10,847	275,094	VAC TRUCK SERVICES
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	854,141	27,452	881,593	4,028,886	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	



Daily Land - Orig Comp Report

71053	TUBING	37,280	0	0	0	37,280
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617
Total Tangible Cost		472,280	331,065		331,065	141,215
Total:		5,382,759	1,185,206	27,452	1,212,657	4,170,102



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 11-12-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 17
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor COBY WILHELM / JOHNNY DENNIS	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP	AFE Description:
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AFE Costs 5,382,759	Previous Day Cum 1,212,657	Daily Costs 32,767	Cumulative Cost 1,245,425	AFE Remaining 4,137,334	AFE % 23.14
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Status	WAITING ON DAYLIGHT
Comment Summary	RIG MAINTENANCE
24 HR Forecast	RIG MAINTENANCE

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	06:00AM	6.00	WINTERIZE BUNK HOUSES,PICK UP SCRAP IORN AROUND LOCATION AND TRASH,FINISH WELDING PARTS HOUSE, FINISH AND PUT NEW FLANGES ON 2" AND 3" LINES ON MUD TANKS.
06:00AM	10:00AM	4.00	PJSM.CUT AND ROTATE AND WELD GAS BUSTER.BUILD DRILLER COVER, HELP WELDERS AND PAIT DERRICK.
10:00AM	01:00PM	3.00	INSTALL 4" VALVE ON PUMPS #1 AND #2 INSTALL PUMP PRESSURE GAUGE ON PUMP # 1AND # 2.INSTALL POP OFFS ON PUMP # 1 AND #2. PAINT NEW PARTS HOUSE AND HELP WELDERS.
01:00PM	06:00PM	5.00	FINISH PAINTING DERRICK, INSTALL VALVES ON MUD PITS ,PICK UP TRASH ON LOCATION, LOAD HOT SHOT TRUCK WITH SCRAP IRON.
06:00PM	12:00AM	6.00	WAIT ON DAYLIGHT

Remarks
0000 - 0600 WAIT ON DAYLIGHT.

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
NEW TECH	1	24.0	408.0
PIONEER DRILLING	11	24.0	408.0
HORIZON MUD	1	24.0	408.0
SDS	2	24.0	24.0
Total:	15	96.0	1,248.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	3,574.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,465	300	38,765	-29,765	TRAILER HOUSE CLEANING
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	296,240	20,700	316,940	-227,940	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	53,655	3,500	57,155	22,845	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL	215,890	40,074	1,880	41,954	173,936	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	11,789	6,387	18,177	282,823	RIG FUEL
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	10,847	0	10,847	275,094	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	0	0	0	396,730	
Total Intangible Cost		4,910,479	881,593	32,767	914,360	3,996,119	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	



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71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,212,657	32,767	1,245,425	4,137,334	



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 11-13-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 18
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor COBY WILHELM / JOHNNY DENNIS	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP **AFE Description:**

AFE Costs 5,382,759	Previous Day Cum 1,245,947	Daily Costs 26,080	Cumulative Cost 1,272,027	AFE Remaining 4,110,732	AFE % 23.63
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Status	WAITING ON DAYLIGHT
Comment Summary	RIG MAINTENANCE
24 HR Forecast	RIG MAINTENANCE

24 HR Operational Comments

From	To	Duration	Operation Description
12:00AM	06:00AM	6.00	WAIT ON DAYLIGHT
06:00AM	10:00AM	4.00	PJSM.W/ THIRD PARTY LOAD OUT SCRAP METAL ON TRUCKS, HELP WELDERS, REPLACE VALVES ON MUD PITS
10:00AM	02:00PM	4.00	WELDIESEL LINES,HELP WELDER WELD DRILLERS COVER WELD SHAKERS, WELD WATER LINES IN SUB AND CLEAN UP LOCATION.
02:00PM	06:00PM	4.00	REPLACE DERRICK SHOE BOLTS AND INSTALL 2" POP OFF LINES ON MUD PUMPS
06:00PM	12:00AM	6.00	WAITING ON DAY LIGHT.

Remarks

0000 - 0600 WAITING ON DAYLIGHT

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
HORIZON MUD	1	24.0	432.0
SDS	2	24.0	48.0
PIONEER DRILLING	11	24.0	432.0
NEW TECH	1	24.0	432.0
Total:	15	96.0	1,344.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	3,574.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	0	0	5,000	
70017	CONTRACT LABOR	9,000	38,765	0	38,765	-29,765	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	316,940	20,700	337,640	-248,640	PIONEER #56
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION			1,750			DRILLING SUPERVISOR
70021	CONTRACT SUPERVISION	80,000	57,155	3,500	60,655	19,345	
70022	DIRECTIONAL DRILLING			0			M/S QUICKSHOT
70022	DIRECTIONAL DRILLING			0			SCIENTIFIC DAYRATE
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	MUD & CHEMICALS
70031	EQUIPMENT RENTAL			0			DD HOUSE
70031	EQUIPMENT RENTAL			60			LIGHT TOWER
70031	EQUIPMENT RENTAL			200			10K FORKLIFT RENTAL
70031	EQUIPMENT RENTAL			0			2 FLAT BOTTOM TANKS
70031	EQUIPMENT RENTAL			0			ROTATING HEAD
70031	EQUIPMENT RENTAL			80			SEPTIC TANKS - CAMP
70031	EQUIPMENT RENTAL			475			2 DSA & 2 SPACER SPOOLS
70031	EQUIPMENT RENTAL			0			ENVIRONMENTAL DAYRATE
70031	EQUIPMENT RENTAL			250			MANLIFT
70031	EQUIPMENT RENTAL			85			SOLIDS CONTROL HOUSE
70031	EQUIPMENT RENTAL			0			PRE-MIX TANK
70031	EQUIPMENT RENTAL			0			SOLID CONTROL GEN
70031	EQUIPMENT RENTAL			200			PHONE / INTERNET
70031	EQUIPMENT RENTAL			200			GENERATOR&ELECTRIC PANEL
70031	EQUIPMENT RENTAL			60			BATHROOM,PORCH,SATELITE
70031	EQUIPMENT RENTAL			0			OBM CONTAINMENT
70031	EQUIPMENT RENTAL			0			EDR & PVT EQUIPMENT
70031	EQUIPMENT RENTAL			0			3 PUMPS & HOSES
70031	EQUIPMENT RENTAL			0			CAN-VAC
70031	EQUIPMENT RENTAL			75			WATER TANKS - CAMP
70031	EQUIPMENT RENTAL			0			H2S MONITORING
70031	EQUIPMENT RENTAL			0			7 ROUND BTM TANKS
70031	EQUIPMENT RENTAL			85			CO. MAN HOUSE
70031	EQUIPMENT RENTAL			25			TRASH TRAILER
70031	EQUIPMENT RENTAL			85			MUD ENGINEER HOUSE
70031	EQUIPMENT RENTAL	215,890	41,954	1,880	43,834	172,056	
70034	FORMATION STIMULATION	2,771,919	0	0	0	2,771,919	
70037	FUEL AND POWER	301,000	18,177	0	18,177	282,823	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		MUD LOGGING UNIT
70049	LOGGING	298,000	0	0	0	298,000	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	10,847	0	10,847	275,094	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	522	0	522	396,208	
Total Intangible Cost		4,910,479	914,882	26,080	940,962	3,969,517	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	



Daily Land - Orig Comp Report

71053	TUBING	37,280	0	0	0	37,280
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617
Total Tangible Cost		472,280	331,065		331,065	141,215
Total:		5,382,759	1,245,947	26,080	1,272,027	4,110,732



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 12-05-2014
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 19
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor COBY WILHELM / JOHNNY DENNIS	Engineer / Geologist DUSTIN PETRAITIS
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name PIONEER 56 /	RIG PHONE NO 432-242-6664	RIG Fax No	Tool Pusher CD KEMP
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AFE #: 11-14-0451-CP **AFE Description:**

AFE Costs 5,382,759	Previous Day Cum 1,272,027	Daily Costs 30,796	Cumulative Cost 1,302,823	AFE Remaining 4,079,936	AFE % 24.20
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Status WOF	Comment Summary RIH W GR & JB TO 8821', RIH W/ GR,CCL, RCBL TO 8851' LOGGED OOH W/ 2000 PSI. TOC: SURFACE. RU PUMPS TEST LINES, LOAD BS TO 1500 PSI, PUT AWAY 24 BBLs BBLs 15 % HCL. RIH W/ GUNS & PERFORATED @15,897, 15847, 15797, 15,747.
24 HR Forecast WOF	

24 HR Operational Comments

From	To	Duration	Operation Description
01:00PM	07:00PM	6.00	PU RIH W 4.625 GR & JB TO 8821',PU RIH W/GAMMA RAY,CCL, RCBL TO 8851' LOGGED TO SURFACE W/ 2000 PSI. TOC: SURFACE. RU PUMPS & W/L. TEST LINES TO 9500#. LOAD BD TO 1500 PSI. TEST CSG 5K/5MIN. TEST CSG 7K/30 MIN. TEST GOOD. BROUGHT PUMPS ONLINE PUT AWAY 24 BBLs BBLs 15 % HCL W/ 360 BBLs TW 5980 PSI @ 18 BPM. PU RIH W/ 3-1/8" SDP 3323-323T, 22.7 gm, 35.10".042 HOLE 6 SPF, GUNS TO 7000'. BROUGHT PUMPS ONLINE, PMP GUNS DWN W/ 18 BPM @ 6200 PSI. PERFORATED @ 15,897, 15,847, 15797, 15,747.

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
SDS	2	24.0	72.0
PIONEER DRILLING	11	24.0	456.0
NEW TECH	1	24.0	456.0
HORIZON MUD	1	24.0	456.0
Total:	15	96.0	1,440.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	3,574.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	0	1,000	1,000	4,000	CHARLES GRAVES
70017	CONTRACT LABOR	9,000	38,765	0	38,765	-29,765	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	337,640	0	337,640	-248,640	
70021	CONTRACT SUPERVISION	80,000	60,655	0	60,655	19,345	
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	
70031	EQUIPMENT RENTAL	215,890	43,834	3,500	47,334	168,556	PEAK
70034	FORMATION STIMULATION	2,771,919	0	7,329	7,329	2,764,590	PETROPLEX
70037	FUEL AND POWER	301,000	18,177	0	18,177	282,823	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		
70049	LOGGING	298,000	0	18,967	18,967	279,033	RENEGADE
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	10,847	0	10,847	275,094	
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	522	0	522	396,208	
Total Intangible Cost		4,910,479	940,962	30,796	971,758	3,938,721	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,272,027	30,796	1,302,823	4,079,936	



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 03-25-2015
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 20
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor CHARLES GRAVES	Engineer / Geologist MICHAEL LYON
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name	RIG PHONE NO	RIG Fax No	Tool Pusher
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AFE #: 11-14-0451-CP	AFE Description:
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AFE Costs 5,382,759	Previous Day Cum 1,318,203	Daily Costs 6,201	Cumulative Cost 1,324,404	AFE Remaining 4,058,355	AFE % 24.60
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Status WOF	Comment Summary MIRU PETROPLEX. FLUSHED CSG W/ 358 BBLS TFW (CORROSION INHIBITOR, SCALE INHIBITOR, & BIOCIDES). RDMO
24 HR Forecast WOF	

24 HR Operational Comments

From 07:00AM	To 09:00AM	Duration 2.00	Operation Description MIRU PETROPLEX. FLUSHED CSG W/ 358 BBLS TFW (CORROSION INHIBITOR, SCALE INHIBITOR, & BIOCIDES). RDMO
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Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
HORIZON MUD	1	24.0	480.0
NEW TECH	1	24.0	480.0
SDS	2	24.0	96.0
PIONEER DRILLING	11	24.0	480.0
Total:	15	96.0	1,536.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	3,574.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70007	CHEMICALS (WSS)			1,500			BIO, SCALE, CORROSION
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	1,000	500	1,500	3,500	CHARLES GRAVES
70017	CONTRACT LABOR	9,000	38,765	0	38,765	-29,765	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	337,640	0	337,640	-248,640	
70021	CONTRACT SUPERVISION	80,000	60,655	0	60,655	19,345	
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	
70031	EQUIPMENT RENTAL			50			FRAC TANK
70031	EQUIPMENT RENTAL			145			MASTER VALVE
70031	EQUIPMENT RENTAL	215,890	47,334	195	47,529	168,361	
70034	FORMATION STIMULATION	2,771,919	7,329	0	7,329	2,764,590	
70037	FUEL AND POWER	301,000	18,177	0	18,177	282,823	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		
70046	LAND AND SITE RECLAMATION		15,381	0	15,381		
70049	LOGGING	298,000	18,967	0	18,967	279,033	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	10,847	700	11,547	274,394	WINCH TRUCK
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	522	0	522	396,208	
70187	PUMP TRUCK SERVICE			3,306			PETROPLEX
Total Intangible Cost		4,910,479	987,139	6,201	993,340	3,917,139	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,318,203	6,201	1,324,404	4,058,355	



APACHE CORPORATION

Daily Land - Orig Comp Report

WELL NAME UNIVERSITY 2303 E 5HM	DATE 03-25-2015
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Operator APACHE CORPORATION	API 4238338757	GL 2,643.00	TMD 16,019.00	PBTD	RKB/RT 2,665.00	Working Int % 100.00	Report No 20
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Region PERMIAN	District SE DISTRICT - TX CZ	License	Well Supervisor CHARLES GRAVES	Engineer / Geologist MICHAEL LYON
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Field SPRAYBERRY	State	County	Event Code LCM	Event Type LAND-ORIG COMP	Objective
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RIG Name	RIG PHONE NO	RIG Fax No	Tool Pusher
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AFE #: 11-14-0451-CP **AFE Description:**

AFE Costs 5,382,759	Previous Day Cum 1,318,203	Daily Costs 2,750	Cumulative Cost 1,320,953	AFE Remaining 4,061,806	AFE % 24.54
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Status WOF	Comment Summary MIRU PETROPLEX. FLUSHED CSG W/ 358 BBLS TFW (CORROSION INHIBITOR, SCALE INHIBITOR, & BIOCIDES). RDMO
24 HR Forecast WOF	

24 HR Operational Comments

From	To	Duration	Operation Description
07:00AM	09:00AM	2.00	MIRU PETROPLEX. FLUSHED CSG W/ 358 BBLS TFW (CORROSION INHIBITOR, SCALE INHIBITOR, & BIOCIDES). RDMO

Directional Information

Initial Deviation 7,156	Max Dev 94.0deg at 9,068	Max Dogleg 18.9 deg at 8,911
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Casing / Tubing Information

Description	Size	Weight	Grade	Depth	Sacks	CMT Top	Packer / SN	TOC Method
SURFACE	13.38	48	H-40	519.99	545	22.00	-2,145.08	Returns at Surface
INTERMEDIATE 1	9.63	40	H-40, HCL-80, L-80 EXR	8,064.02			5,398.39	
PRODUCTION 1	5.50	20	P-110 (HC), P-110 HC, P 110 HC	16,016.00	2,510	22.00	5,981.16	Returns at Surface

Personnel

Company Name	No of People	Hours Today	Cum / Event
HORIZON MUD	1	24.0	480.0
NEW TECH	1	24.0	480.0
SDS	2	24.0	96.0
PIONEER DRILLING	11	24.0	480.0
Total:	15	96.0	1,536.0

Safety Drills

Rams 5,000.00 (psi)	Annulars 1,500.00 (psi)	Casing 10/12/2014 / 1,500.00 (psi)	Last BOP Test 10/12/2014	Next BOP Test 11/2/2014
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BULKS

Product	QTY
DIESEL, MUD	0.0
DIESEL, RIG FUEL	3,574.0



APACHE CORPORATION

Daily Land - Orig Comp Report

Daily Cost Detail

Account Code	Description	AFE Amount	Previous	Daily Cost	Cumulative	Available	Description
70004	CASING CREW	45,000	35,175	0	35,175	9,825	
70006	CEMENT AND CEMENTING SERVICES	170,000	161,437	0	161,437	8,563	
70007	CHEMICALS (WSS)			1,500			BIO, SCALE, CORROSION
70009	COMPANY LABOR	5,000	0	0	0	5,000	
70011	COMPANY SUPERVISION	5,000	1,000	500	1,500	3,500	CHARLES GRAVES
70017	CONTRACT LABOR	9,000	38,765	0	38,765	-29,765	
70019	CONTRACT DRILLING-DAY/TURNKEY	89,000	337,640	0	337,640	-248,640	
70021	CONTRACT SUPERVISION	80,000	60,655	0	60,655	19,345	
70022	DIRECTIONAL DRILLING		3,960	0	3,960		
70025	DRILLING FLUIDS	10,000	169,693	0	169,693	-159,693	
70031	EQUIPMENT RENTAL	215,890	47,334	50	47,384	168,506	FRAC TANK
70034	FORMATION STIMULATION	2,771,919	7,329	0	7,329	2,764,590	
70037	FUEL AND POWER	301,000	18,177	0	18,177	282,823	
70039	ENGR/ GEOLOGICAL-CONTRACTORS/CON		0	0	0		
70046	LAND AND SITE RECLAMATION		15,381	0	15,381		
70049	LOGGING	298,000	18,967	0	18,967	279,033	
70054	OTHER INTANGIBLE		2,258	0	2,258		
70064	RIG MOBILIZATION		58,000	0	58,000		
70065	SITE PREPARATION	3,000	0	0	0	3,000	
70067	SALT WATER DISPOSAL	212,500	0	0	0	212,500	
70074	TRUCKING AND HAULING	285,940	10,847	700	11,547	274,394	WINCH TRUCK
70076	TUBULAR INSPECTION/TESTING	12,500	0	0	0	12,500	
70077	WATER	396,730	522	0	522	396,208	
70187	PUMP TRUCK SERVICE			0			PETROPLEX
Total Intangible Cost		4,910,479	987,139	2,750	989,889	3,920,590	
71001	ARTIFICIAL LIFT	100,000	0	0	0	100,000	
71040	PRODUCTION CASING	300,000	322,682	0	322,682	-22,682	
71053	TUBING	37,280	0	0	0	37,280	
71056	WELLHEAD ASSEMBLY	35,000	8,383	0	8,383	26,617	
Total Tangible Cost		472,280	331,065		331,065	141,215	
Total:		5,382,759	1,318,203	2,750	1,320,953	4,061,806	



APACHE PARTNER REPORT

REGION: Permian
TYPE: OPERATED

Legal Well Name: UNIVERSITY 2303 E 5HM
API/UWI: 4238338757
Rig: PIONEER 56, 10/1/2014 12:00
Location Note: SEC 23, B 58, A U362, 250 FNL & 2173 FEL, UL SURVEY
Field Name: SPRAYBERRY
Target Depth (ftKB): 16,400
Operator: APACHE CORPORATION
District: SE District
State/Province: TEXAS
Target Formation: WOLFCAMP (HORIZONTAL)
Working Interest (%):
County: REAGAN
Spud Date: 10/1/2014
AFE Number: 11-14-0451-CP
Supplemental AFE Number:
AFE Description:
Total AFE + Supp Amount (Cost): \$5,382,759

Report Start Date: 7/27/2015 Report Number: 32
End Depth (ftKB): 0 End Depth (TVD) (ftKB):
Depth Progress (ft): Rotating Time (hr):
Daily Field Est Total (Cost): \$31,520
Current Status:
24 Hour Forecast: DRILL OUT PLUGS
Days From Spud (days): 299.50 Job Day (days): 274.0
Last Mud Check Density (lb/gal):
Cum Field Est To Date (Cost): \$3,796,220
24 Hour Summary: MIRU WOU AND ALL OTHER SERVICES FOR DRILL OUT.

Operations Summary

Table with 7 columns: Start Time, End Time, Dur (hr), Phase, Op Code, Op Type, Operation Details. It contains 10 rows of operational data including activities like WODL, HELD SSAFETY MEETING, MEASUR, RIH, and TAG CAP PLUG.



APACHE PARTNER REPORT

REGION: Permian
TYPE: OPERATED

Legal Well Name: UNIVERSITY 2303 E 5HM
API/UWI: 4238338757
Rig: PIONEER 56, 10/1/2014 12:00
Location Note: SEC 23, B 58, A U362, 250 FNL & 2173 FEL, UL SURVEY
Field Name: SPRAYBERRY
Target Depth (ftKB): 16,400
Operator: APACHE CORPORATION
District: SE District
State/Province: TEXAS
Target Formation: WOLFCAMP (HORIZONTAL)
Working Interest (%):
County: REAGAN
Spud Date: 10/1/2014
AFE Number: 11-14-0451-CP
Supplemental AFE Number:
AFE Description:
Total AFE + Supp Amount (Cost): \$5,382,759

Report Start Date: 7/28/2015 Report Number: 33
End Depth (ftKB): 0 End Depth (TVD) (ftKB):
Depth Progress (ft): Rotating Time (hr):
Daily Field Est Total (Cost): \$25,482
Current Status: DRILL OUT PLUG 8 OF 31
24 Hour Forecast: DRILL OUT PLUGS
24 Hour Summary: DRILL OUT PLUGS
Days From Spud (days): 300.50 Job Day (days): 275.0
Last Mud Check Density (lb/gal):
Cum Field Est To Date (Cost): \$3,821,702

Operations Summary

Table with 7 columns: Start Time, End Time, Dur (hr), Phase, Time Code, Op Type, Operation Details. Contains 11 rows of drilling operations including TAG PLUG #1 through #11 with various parameters like RR, PR, PP, WHP, and TORQUE.



APACHE PARTNER REPORT

REGION: Permian
TYPE: OPERATED

Operations Summary						
Start Time	End Time	Dur (hr)	Phase	Time Code	Op Type	Operation Details
10:30	11:30	1.00	Drill Out, STAGE 20, DRILL-OUT	DOPS	PP	TAG PLUG # 12 @ 11,381' W/ JOINT # 362 DOT = 18 MINUTES. RR = 3.8 BPM PR = 3.6 BPM PP = 1,700 PSI WHP = 700 PSI TORQUE = 3,750 FT LBS. SEND 5 BBL SWEEP. CIH
11:30	12:30	1.00	Drill Out, STAGE 19, DRILL-OUT	DOPS	PP	TAG PLUG # 13 @ 11,585' W/ JOINT # 369 DOT = 16 MINUTES. RR = 3.8 BPM PR = 3.6 BPM PP = 1,700 PSI WHP = 750 PSI TORQUE = 3,800 FT LBS. SEND 5 BBL SWEEP. CIH
12:30	13:30	1.00	Prep, EVALUATION, LOGGING	DOPS	PP	TAG PLUG # 14 @ 11,783' W/ JOINT # 375 DOT = 10 MINUTES. RR = 3.8 BPM PR = 3.6 BPM PP = 1,700 PSI WHP = 750 PSI TORQUE = 3,800 FT LBS. SEND 5 BBL SWEEP. CIH
13:30	14:30	1.00	Drill Out, STAGE 17, DRILL-OUT	DOPS	PP	TAG PLUG # 15 @ 12,051' W/ JOINT # 384 DOT = 20 MINUTES. RR = 3.8 BPM PR = 3.6 BPM PP = 1,700 PSI WHP = 750 PSI TORQUE = 3,800 FT LBS. SEND 5 BBL SWEEP. CIH
14:30	15:30	1.00	Drill Out, STAGE 16, DRILL-OUT	DOPS	PP	TAG PLUG # 16 @ 12,334' W/ JOINT # 393 DOT = 21 MINUTES. RR = 3.8 BPM PR = 3.6 BPM PP = 1,800 PSI WHP = 700 PSI TORQUE = 3,800 FT LBS. SEND 5 BBL SWEEP. CIH
15:30	17:00	1.50	Drill Out, STAGE 15, DRILL-OUT	DOPS	PP	TAG PLUG # 17 @ 12,526' W/ JOINT # 399 DOT = 23 MINUTES. RR = 3.6 BPM PR = 3.8 BPM PP = 1,650 PSI WHP = 700 PSI TORQUE = 3,800 FT LBS. SEND 5 BBL SWEEP. CIH
17:00	19:00	2.00	Drill Out, STAGE 14, DRILL-OUT	CIRC	PP	DRILLED PLUG 17 PUMPED 20 BBL SWEEP CIRCULATE WELL CLEAN.
19:00	20:00	1.00	Prep, EVALUATION, LOGGING	DOPS	PP	TAG PLUG # 18 @ 12,800' W/ JOINT # 408 DOT = 13 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,650 PSI WHP = 700 PSI TORQUE = 3,800 FT LBS. SEND 5 BBL SWEEP. CIH
20:00	21:00	1.00	Drill Out, STAGE 13, DRILL-OUT	DOPS	PP	TAG PLUG # 19 @ 13,067' W/ JOINT # 416 DOT = 18 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,600 PSI WHP = 700 PSI TORQUE = 3,800 FT LBS. SEND 5 BBL SWEEP. CIH
21:00	22:00	1.00	Drill Out, STAGE 12, DRILL-OUT	DOPS	PP	TAG PLUG # 20 @ 13,349' W/ JOINT # 425 DOT = 20 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,650 PSI WHP = 800 PSI TORQUE = 3,900 FT LBS. SEND 5 BBL SWEEP. CIH
22:00	23:00	1.00	Drill Out, STAGE 11, DRILL-OUT	DOPS	PP	TAG PLUG # 21 @ 13,539' W/ JOINT # 432 DOT = 18 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,700 PSI WHP = 800 PSI TORQUE = 3,900 FT LBS. SEND 5 BBL SWEEP. CIH
23:00	00:00	1.00	Drill Out, STAGE 10, DRILL-OUT	DOPS	PP	TAG PLUG # 22 @ 13,749' W/ JOINT # 438 DOT = 25 MINUTES. RR = 3.5 BPM PR = 3.5 BPM PP = 1,700 PSI WHP = 800 PSI TORQUE = 3,900 FT LBS. SEND 20 BBL SWEEP. START FULL CIRCULATION.



APACHE PARTNER REPORT

REGION: Permian
TYPE: OPERATED

Legal Well Name: UNIVERSITY 2303 E 5HM
API/UWI: 4238338757
Rig: PIONEER 56, 10/1/2014 12:00
Location Note: SEC 23, B 58, A U362, 250 FNL & 2173 FEL, UL SURVEY
Field Name: SPRAYBERRY
Target Depth (ftKB): 16,400
Operator: APACHE CORPORATION
District: SE District
Working Interest (%):
State/Province: TEXAS
County: REAGAN
Target Formation: WOLFCAMP (HORIZONTAL)
Spud Date: 10/1/2014
AFE Number: 11-14-0451-CP
Supplemental AFE Number:
AFE Description:
Total AFE + Supp Amount (Cost): \$5,382,759

Report Start Date: 7/29/2015 Report Number: 34
End Depth (ftKB): 0 End Depth (TVD) (ftKB):
Depth Progress (ft): Rotating Time (hr):
Daily Field Est Total (Cost): \$25,201
Current Status: DRILL OUT ALL PLUGS. START FULL CIRC.
24 Hour Forecast: DRILL OUT PLUGS
24 Hour Summary: DRILL OUT PLUGS
Days From Spud (days): 301.50 Job Day (days): 276.0
Last Mud Check Density (lb/gal):
Cum Field Est To Date (Cost): \$3,846,903

Operations Summary

Table with 7 columns: Start Time, End Time, Dur (hr), Phase, Time Code, Op Type, Operation Details. Rows include various drilling stages (STAGE 9 to STAGE 1) and evaluation/logging phases.



APACHE PARTNER REPORT

REGION: Permian
TYPE: OPERATED

Operations Summary						
Start Time	End Time	Dur (hr)	Phase	Time Code	Op Type	Operation Details
21:30	23:30	2.00	Prep, EVALUATION, LOGGING	POOH	PP	POOH W/ WORK STRING LAYING DOWN TO RACKS. STOP W/ EOT @ 11,985" SLIPS ON RIG BROKE. DID NOT HAVE SPARE SET. CALL FOR NEW SLIPS AND STAND BY.
23:30	00:00	0.50	Prep, EVALUATION, LOGGING	WOO	CN	STAND BY FOR NEW SLIPS.



APACHE PARTNER REPORT

REGION: Permian
TYPE: OPERATED

Legal Well Name: UNIVERSITY 2303 E 5HM	Operator: APACHE CORPORATION	Working Interest (%):
API/UWI: 4238338757	District: SE District	
Rig: PIONEER 56, 10/1/2014 12:00	Location Note: SEC 23, B 58, A U362, 250 FNL & 2173 FEL, UL SURVEY	
Field Name: SPRAYBERRY	State/Province: TEXAS	County: REAGAN
Target Depth (ftKB): 16,400	Target Formation: WOLFCAMP (HORIZONTAL)	Spud Date: 10/1/2014
AFE Number: 11-14-0451-CP	Supplemental AFE Number:	AFE Description:
Total AFE + Supp Amount (Cost): \$5,382,759		

Report Start Date: 7/30/2015 **Report Number:** 35

End Depth (ftKB): 0 **End Depth (TVD) (ftKB):** **Days From Spud (days):** 302.50 **Job Day (days):** 277.0

Depth Progress (ft): **Rotating Time (hr):** **Last Mud Check Density (lb/gal):**

Daily Field Est Total (Cost): \$24,240 **Cum Field Est To Date (Cost):** \$3,871,143

Current Status: POOH W/ WORKSTRING

24 Hour Forecast: RUN PROD. TBG NU TREE

24 Hour Summary: POOH W/ WORKSTRING

Operations Summary

Start Time	End Time	Dur (hr)	Phase	Time Code	Op Type	Operation Details
00:00	01:00	1.00	Prep, EVALUATION, LOGGING	WOO	PN	STAND BY FOR NEW SLIPS.
01:00	03:00	2.00	Prep, EVALUATION, LOGGING	POOH	PP	NEW SLIPS ON LOCATION. REPLACE AND CONTINUE POOH W/ WORKSTRING. W/ EOT @ 9,130' STOP AND RU TO CIRCULATE FROM THE CURVE.
03:00	04:00	1.00	Prep, EVALUATION, LOGGING	CIRC	PP	SEND 20 BBL SWEEP. CIRCULATE HOLE CLEAN FROM 9,130' SWEEPS UP. SHUT DOWN AND PREP TO CONTINUE OOH W/ WORKSTRING.
04:00	06:00	2.00	Prep, EVALUATION, LOGGING	POOH	PP	CONTINUE POOH W/ WORKSTRING LAYING DOWN TO RACKS. STOP W/ EOT @ 3,163' RU AND PREP TO PUMP MUD.
06:00	06:30	0.50	Prep, EVALUATION, LOGGING	KILLOP	PP	RU AND PUMP 95 BBLS 14.5 # MUD. SHUT DOWN WELL DEAD.
06:30	10:30	4.00	Prep, EVALUATION, LOGGING	POOH	PP	OOH WITH WORK STRING.
10:30	00:00	13.50			PP	SEE LEQ