

- INITIAL REPORT - INCLUDE WORKOVER PLAN
 FINAL REPORT - INCLUDE WORKOVER SUMMARY AND WELL TEST REPORT
 PROGRESS REPORT

MORNING PRODUCTION REPORT

AHEP-1715-B

REGION/DISTRICT Andrews		FIELD NAME Shafter Lake Means			DATE 9/21/2016	
WELL NAME AND NUMBER University JV 14 # 3H		LEASE NUMBER API # 42-003-47374	COUNTY/STATE Andrews		SEC./TWP/RGE (OR SURVEY) 4/9, Block 14, UL Survey	
DEPTH: TD 14864'	PBD 14828'	DOD	SUR. CSG.	SIZE & WT. 9 5/8" 36# J-55	DEPTH 1675'	TOP CMT.
LINER: FROM	TO	SIZE	INT. CSG. #1			
PERFORATIONS			INT. CSG. #2			
CURVE KOP TOP BOTTOM 3846' - 4790'		PROD. CSG.		5 1/2" 17# L-80	14856'	
PRODUCING ZONE (CURRENT/PROPOSED) SAN ANDRES			LOAD STATUS - OIL BBLs. (+/-)		LOAD STATUS - WATER BBLs. (+/-)	

OPERATIONS OR STATUS OF WELL AT REPORT TIME:

Status this A.M.: Shut in - ready for Frac

TIME - TIME	HOURS	REMARKS
	24	Dropped 10 bbl Jell Pill and circulated it through Coil and out the 5 1/2" Casing to Pit.
		Pulled off bottom 50' to 14770', Dropped ball to shift Sleeve atop of Motor and displaced w/
		~85 bfw. Ball failed to seat and shift valve. Dropped a second ball and again pumped approx
		85 bfw. Still no indication that ball seated. Call was made and decision was to continue
		with Acid treatment. Pumped and spotted 2000 gals (48 bbls) 15% Acid stopping short of
		end of coil Approx.10 bbls. Began injection into Rupture Disc @ 2.6 bpm / 2600 psi.
		Acid began breaking down formation w/ 2616 psi. Increased rate to 3 bpm / 2100 psi.
		Final max rate @ 4 bpm / 1660 psi. Over displaced Acid with 50 bfw.
		ISIP - 1265 psi / 5 min. - 1206 psi / 10 min. - 1175 psi. Bled pressure off to pit, Began
		TOH with Coil. Laid down all the tools / Coil Unit RDMO
		C.I.

AFE #	DAILY COST	GROSS \$ -	NET \$0.00	CONTRACTOR
BUDGET #	ACCUMULATED COST	GROSS \$0.00	NET \$0.00	RIG/UNIT NAME/NO
AHC W.I. (PCT.)	AUTHORIZED AFE AMOUNT	GROSS \$0.00	NET \$0.00	RIG/UNIT RATE
AHC INCOME INT. (PCT.)	WORK DONE BY B. JONES			

- INITIAL REPORT - INCLUDE WORKOVER PLAN
 FINAL REPORT - INCLUDE WORKOVER SUMMARY AND WELL TEST REPORT
 PROGRESS REPORT

MORNING PRODUCTION REPORT

AHEP-1715-B

REGION/DISTRICT Andrews		FIELD NAME Shafter Lake (San Andres)			DATE 10/4/2016		
WELL NAME AND NUMBER University JV 14 # 3H		LEASE NUMBER API # 42-003-47374		COUNTY/STATE Andrews		SEC./TWP/RGE (OR SURVEY) 4/9, Block 14, UL Survey	
DEPTH: TD 14,864'	PBD 14,828'	DOD	SUR. CSG.	SIZE & WT. 9 5/8" 36# J-55	DEPTH 1675'	TOP CMT.	
LINER: FROM	TO	SIZE	INT. CSG. #1				
PERFORATIONS			INT. CSG. #2				
CURVE KOP TOP BOTTOM 3846' - 4790'			PROD. CSG.	5 1/2" 17# L-80	14,856'		
PRODUCING ZONE (CURRENT/PROPOSED) SAN ANDRES			LOAD STATUS - OIL BBLs. (+/-)		LOAD STATUS - WATER BBLs. (+/-)		

OPERATIONS OR STATUS OF WELL AT REPORT TIME:

Status this A.M.: Perforate Stage 4

TIME - TIME	HOURS	REMARKS
6:00 17:00	11	Ready for frac.
17:00 6:00	13	MIRU SLB frac and wireline. Offload sand and perform maintenance checks on equipment.
		Swapped out PCM due to planned maintenance. PU lubricator and wireline and test
		to 5000 psi OK. RIH with wireline and set bridge plug at 14,800'. Test plug and casing
		to 6200 psi OK. Perforate Stage 1 from 14,751' - 14,755'. Frac Stage 1 with 160,117#
		20/40 Jordan sand with 300# PropNet and 80,913 gals 20# X-link gel. AIR 35.2 bpm
		at 2711 psi. Max pressure 3242 psi. Set plug sleeve @ 14,621' and perforated
		Stage 2 from 14,514' - 14,518'. Frac Stage 2 with 160,800# 20/40 Jordan sand with 300#
		PropNet and 81,350 gals 20# X-link gel. AIR 35.2 bpm @ 3032 psi. Max pressure 3252 psi
		Set plug sleeve @ 14,387' and perforate Stage 3 from 14,280' - 14,284'. Frac Stage 3
		with 162,762# of 20/40 Jordan sand and 300# PropNet with 80,492 gals 20# X-link gel.
		AIR 33.5 bpm @ 4658 psi. Max pressure 5782 psi. *Note - RIH with wireline twice
		and tagged @ 2100'. Found O-ring seal free from seat on sleeve and decided to change
		adhesive.*

AFE #	DAILY COST	GROSS \$ -	NET \$0.00	CONTRACTOR
BUDGET #	ACCUMULATED COST	GROSS \$0.00	NET \$0.00	RIG/UNIT NAME/NO
AHC W.I. (PCT.)	AUTHORIZED AFE AMOUNT	GROSS \$0.00	NET \$0.00	RIG/UNIT RATE
AHC INCOME INT. (PCT.)	WORK DONE BY J BRYANT			

- INITIAL REPORT - INCLUDE WORKOVER PLAN
 FINAL REPORT - INCLUDE WORKOVER SUMMARY AND WELL TEST REPORT
 PROGRESS REPORT

MORNING PRODUCTION REPORT

AHEP-1715-B

REGION/DISTRICT Andrews		FIELD NAME Shafter Lake (San Andres)			DATE 10/5/2016		
WELL NAME AND NUMBER University JV 14 # 3H		LEASE NUMBER API # 42-003-47374		COUNTY/STATE Andrews		SEC./TWP/RGE (OR SURVEY) 4/9, Block 14, UL Survey	
DEPTH: TD 14,864'	PBD 14,828'	DOD	SUR. CSG.	SIZE & WT. 9 5/8" 36# J-55		DEPTH 1675'	TOP CMT.
LINER: FROM	TO	SIZE	INT. CSG. #1				
PERFORATIONS			INT. CSG. #2				
CURVE KOP TOP BOTTOM 3846' - 4790'			PROD. CSG.	5 1/2" 17# L-80		14,856'	
PRODUCING ZONE (CURRENT/PROPOSED) SAN ANDRES			LOAD STATUS - OIL BBLs. (+/-)		LOAD STATUS - WATER BBLs. (+/-)		

OPERATIONS OR STATUS OF WELL AT REPORT TIME:

Status this A.M.: Frac Stage 9

TIME - TIME	HOURS	REMARKS
6:00 6:00	24	Set plug sleeve @ 14,150' and perforate Stage 4 from 14,046' - 14,050'. Frac Stage 4 with 160,100# of 20/40 Jordan sand with 300# PropNet with 85,029 gals 20# X-link gel. AIR 34.8 bpm @ 5027 psi. Max pressure 5505 psi. Set plug sleeve @ 13,916' and perforate Stage 5 from 13,812' - 13,816'. Frac Stage 5 with 161,720# of 20/40 Jordan sand with 300# PropNet with 86,802 gals 20# X-link gel. AIR 27.5 bpm at 3879 psi. Max pressure 5852 psi. Set plug sleeve @ 13,690' and perforate Stage 6 from 13,586' - 13,590'. Frac Stage 6 with 161,280# of 20/40 Jordan sand with 300# PropNet and 98,990 gals 20# X-link gel. AIR 32.6 bpm @ 4730 psi. Max pressure 5923 psi. Set plug sleeve @ 13,456' and perforate Stage 7 from 13,358' - 13,362'. Frac Stage 7 with 160,020# of 20/40 Jordan sand with 300# PropNet and 101,598 gals 20# X-link gel. AIR 30.4 bpm @ 5081 psi. Max pressure 5995 psi. Set plug sleeve @ 13,222' and perforate Stage 8 from 13,110' - 13,114'. Frac Stage 8 with 159,720# of 20/40 Jordan sand with 300# PropNet and 81,979 gals 20# X-link gel. AIR 30.4 bpm @ 4975 psi. Max pressure 5749 psi. Set plug sleeve @ 12,888' and perforate Stage 9 from 12,884' - 12,888'.

AFE #	DAILY COST	GROSS \$ -	NET \$0.00	CONTRACTOR
BUDGET #	ACCUMULATED COST	GROSS \$0.00	NET \$0.00	RIG/UNIT NAME/NO
AHC W.I. (PCT.)	AUTHORIZED AFE AMOUNT	GROSS \$0.00	NET \$0.00	RIG/UNIT RATE
AHC INCOME INT. (PCT.)	WORK DONE BY J BRYANT			

- INITIAL REPORT - INCLUDE WORKOVER PLAN
 FINAL REPORT - INCLUDE WORKOVER SUMMARY AND WELL TEST REPORT
 PROGRESS REPORT

MORNING PRODUCTION REPORT

AHEP-1715-B

REGION/DISTRICT Andrews		FIELD NAME Shafter Lake (San Andres)			DATE 10/7/2016		
WELL NAME AND NUMBER University JV 14 # 3H		LEASE NUMBER API # 42-003-47374		COUNTY/STATE Andrews		SEC./TWP/RGE (OR SURVEY) 4/9, Block 14, UL Survey	
DEPTH: TD 14,864'	PBD 14,828'	DOD	SUR. CSG.	SIZE & WT. 9 5/8" 36# J-55		DEPTH 1675'	TOP CMT.
LINER: FROM	TO	SIZE	INT. CSG. #1				
PERFORATIONS			INT. CSG. #2				
CURVE KOP TOP BOTTOM 3846' - 4790'			PROD. CSG.	5 1/2" 17# L-80		14,856'	
PRODUCING ZONE (CURRENT/PROPOSED) SAN ANDRES			LOAD STATUS - OIL BBLs. (+/-)		LOAD STATUS - WATER BBLs. (+/-)		

OPERATIONS OR STATUS OF WELL AT REPORT TIME:

Status this A.M.: Frac Stage 19

TIME - TIME	HOURS	REMARKS
6:00 6:00	24	Set plug sleeve @ 11,822' and perforated Stage 14 from 11,700' - 11,704'. Frac Stage 14 with 160,040# of 20/40 Jordan sand with 300# PropNet and 97,647 gals 20# X-link gel. AIR 28.8 bpm @ 4886 psi. Max pressure 5889 psi. Set plug sleeve at 11,574' and perforated Stage 15 from 11,470' - 11,478' (revised stages to 8' intervals). Frac Stage 15 with 155,720# of 20/40 Jordan sand with 300# PropNet and 85,472 gals 20# X-link gel. AIR 35.3 bpm @ 4772 psi. Max pressure 5371 psi. Set plug sleeve at 11,324' and perforated Stage 16 from 11,242' - 11,250'. Frac Stage 16 with 161,700# of 20/40 Jordan sand with 300# PropNet and 80,065 gals of 20# X-link gel. AIR 34.9 bpm @ 4167 psi. Max pressure 5773 psi. Set plug sleeve at 11,116' and perforated Stage 17 from 11,008' - 11,016'. Frac Stage 17 with 161,800# of 20/40 Jordan sand with 300# PropNet and 92,042 gals 20# X-link gel. AIR 35.1 bpm at 4056 psi. Max pressure 5630 psi. Set plug sleeve at 10,882' and perforated Stage 18 from 10,776' - 10,784'. Frac Stage 18 with 162,580# of 20/40 Jordan sand with 300# PropNet and 75,635 gals 20# X-link gel. AIR 35.1 bpm at 3929 psi. Max pressure 5527 psi. Set plug sleeve at 10,648' and perforated Stage 19 from 10,526' - 10,534'.

AFE #	DAILY COST	GROSS \$ -	NET \$0.00	CONTRACTOR
BUDGET #	ACCUMULATED COST	GROSS	NET \$0.00	RIG/UNIT NAME/NO
AHC W.I. (PCT.)	AUTHORIZED AFE AMOUNT	GROSS	NET \$0.00	RIG/UNIT RATE
AHC INCOME INT. (PCT.)	WORK DONE BY J BRYANT			

- INITIAL REPORT - INCLUDE WORKOVER PLAN
 FINAL REPORT - INCLUDE WORKOVER SUMMARY AND WELL TEST REPORT
 PROGRESS REPORT

MORNING PRODUCTION REPORT

AHEP-1715-B

REGION/DISTRICT Andrews		FIELD NAME Shafter Lake (San Andres)			DATE 10/8/2016	
WELL NAME AND NUMBER University JV 14 # 3H		LEASE NUMBER API # 42-003-47374		COUNTY/STATE Andrews		SEC./TWP/RGE (OR SURVEY) 4/9, Block 14, UL Survey
DEPTH: TD 14,864'	PBD 14,828'	DOD	SUR. CSG.	SIZE & WT. 9 5/8" 36# J-55		DEPTH 1675'
LINER: FROM	TO	SIZE	INT. CSG. #1			TOP CMT.
PERFORATIONS			INT. CSG. #2			
CURVE KOP TOP BOTTOM 3846' - 4790'			PROD. CSG.	5 1/2" 17# L-80		14,856'
PRODUCING ZONE (CURRENT/PROPOSED) SAN ANDRES			LOAD STATUS - OIL BBLs. (+/-)		LOAD STATUS - WATER BBLs. (+/-)	

OPERATIONS OR STATUS OF WELL AT REPORT TIME:

Status this A.M.: Frac Stage 25

TIME - TIME	HOURS	REMARKS
6:00 6:00	24	Frac Stage 19 with 160,480# of 20/40 Jordan sand with 300# PropNet and 77,542 gals 20# X-link gel. AIR 34.8 bpm at 3810 psi. Max pressure 4928 psi. Set plug sleeve at 10,420' and perforated Stage 20 from 10,302 - 10,312'. Frac Stage 20 with 160,200# of 20/40 Jordan sand with 300# PropNet and 79,747 gals of 20# X-link gel. AIR 35 bpm @ 3965 psi. Max pressure 4804 psi. *Note - displaced 200 bbls X-link to pit prior to stage due to acid contamination.* Set plug sleeve at 10,170' and perforated 10,072' - 10,082'. Frac Stage 21 with 160,460# of 20/40 Jordan sand with 300# PropNet and 77,162 gals 20# X-link gel. AIR 35 bpm @ 3375 psi. Max pressure 4656 psi. Set plug sleeve at 9,940' and perforated Stage 22 from 9,842' - 9,852'. Frac Stage 22 with 160,580# of 20/40 Jordan sand with 300# PropNet and 77,375 gals 20# X-link gel. AIR 35.2 bpm @ 3949 psi. Max pressure 5200 psi. Set plug sleeve at 9,172' and perforated Stage 23 from 9,600' - 9,610'. Frac Stage 23 with 160,320# of 20/40 Jordan sand with 300# PropNet and 76,701 gals 20# X-link gel. AIR 34.2 bpm @ 3348 psi. Max pressure 5335 psi. Set plug sleeve at 9,478' and perforated Stage 24 from 9,368' - 9,378'. Frac Stage 24 with 160,460# of 20/40 Jordan sand with 300# PropNet and 76,186 gals 20# X-link gel. AIR 34.9 bpm @ 3708 psi. Max pressure 5284 psi. Set plug sleeve at 9,244' and perforated Stage 25 from 9,124' - 9,134'.

AFE #	DAILY COST	GROSS \$ -	NET \$0.00	CONTRACTOR
BUDGET #	ACCUMULATED COST	GROSS \$0.00	NET \$0.00	RIG/UNIT NAME/NO
AHC W.I. (PCT.)	AUTHORIZED AFE AMOUNT	GROSS \$0.00	NET \$0.00	RIG/UNIT RATE
AHC INCOME INT. (PCT.)	WORK DONE BY J BRYANT			

- INITIAL REPORT - INCLUDE WORKOVER PLAN
- FINAL REPORT - INCLUDE WORKOVER SUMMARY AND WELL TEST REPORT
- PROGRESS REPORT

MORNING PRODUCTION REPORT

AHEP-1715-B

REGION/DISTRICT Andrews		FIELD NAME Shafter Lake (San Andres)			DATE 10/9/2016		
WELL NAME AND NUMBER University JV 14 # 3H		LEASE NUMBER API # 42-003-47374		COUNTY/STATE Andrews		SEC./TWP/RGE (OR SURVEY) 4/9, Block 14, UL Survey	
DEPTH: TD 14,864'	PBD 14,828'	DOD	SUR. CSG.	SIZE & WT. 9 5/8" 36# J-55		DEPTH 1675'	TOP CMT.
LINER: FROM	TO	SIZE	INT. CSG. #1				
PERFORATIONS			INT. CSG. #2				
CURVE KOP TOP BOTTOM 3846' - 4790'			PROD. CSG.	5 1/2" 17# L-80		14,856'	
PRODUCING ZONE (CURRENT/PROPOSED) SAN ANDRES			LOAD STATUS - OIL BBLs. (+/-)		LOAD STATUS - WATER BBLs. (+/-)		

OPERATIONS OR STATUS OF WELL AT REPORT TIME:

Status this A.M.: **Frac Stage 32**

TIME - TIME	HOURS	REMARKS	
6:00 6:00	24	Frac Stage 26 with 160,480# of 20/40 Jordan sand with 300# PropNet and 74,557 gals 20# X-link gel. AIR 35.3 bpm at 3759 psi. Max pressure 5092 psi. Set plug sleeve at 8,766' and perforated Stage 27 from 8,666' - 8,676'. Frac Stage 27 with 160,480# of 20/40 Jordan sand with 300# PropNet and 76,881 gals 20# X-link gel. AIR 34.9 bpm @ at 3671 psi. Max pressure 4764 psi. Set plug sleeve at 8,542' and perforated Stage 28 from 8,432' - 8,442'. Frac Stage 28 with 156,760# of 20/40 Jordan sand with 300# PropNet and 69,977 gals 20# X-link gel. AIR 35 bpm @ 3880 psi. Max pressure 4967 psi. Set plug sleeve at 8,308' and perforated Stage 29 from 8,198' - 8,208'. Frac Stage 29 with 157,500# of 20/40 Jordan sand with 300# PropNet and 78,758 gals 20# X-link gel. AIR 35 bpm @ 3704 psi. Max pressure 5101 psi. Set plug sleeve at 8,074' and perforated Stage 30 from 7,968' - 7,978'. Frac Stage 30 with 160,620# of 20/40 Jordan sand with 300# PropNet and 77,562 gals 20# X-link gel. AIR 34.9 bpm @ 4208 psi. Max pressure 5653 psi. Set plug sleeve at 7,840' and perforated Stage 31 from 7,714' - 7,724'. Frac Stage 31 with 161,520# of 20/40 Jordan sand with 300# PropNet and 72,980 gals of 20# X-link gel. AIR 35.1 bpm @ 4389 psi. Max pressure 5211 psi. Set plug sleeve at 7,612' and perforated Stage 32 from 7,490' - 7,500'.	
AFE #	DAILY COST	GROSS \$ - NET \$0.00	CONTRACTOR
BUDGET #	ACCUMULATED COST	GROSS \$0.00 NET \$0.00	RIG/UNIT NAME/NO
AHC W.I. (PCT.)	AUTHORIZED AFE AMOUNT	GROSS \$0.00 NET \$0.00	RIG/UNIT RATE
AHC INCOME INT. (PCT.)	WORK DONE BY J BRYANT		

- INITIAL REPORT - INCLUDE WORKOVER PLAN
 FINAL REPORT - INCLUDE WORKOVER SUMMARY AND WELL TEST REPORT
 PROGRESS REPORT

MORNING PRODUCTION REPORT

AHEP-1715-B

REGION/DISTRICT Andrews		FIELD NAME Shafter Lake (San Andres)			DATE 10/10/2016		
WELL NAME AND NUMBER University JV 14 # 3H		LEASE NUMBER API # 42-003-47374		COUNTY/STATE Andrews		SEC./TWP/RGE (OR SURVEY) 4/9, Block 14, UL Survey	
DEPTH: TD 14,864'	PBD 14,828'	DOD	SUR. CSG.	SIZE & WT. 9 5/8" 36# J-55		DEPTH 1675'	TOP CMT.
LINER: FROM	TO	SIZE	INT. CSG. #1				
PERFORATIONS			INT. CSG. #2				
CURVE KOP	TOP	BOTTOM	PROD. CSG.				
	3846'	4790'			5 1/2" 17# L-80		14,856'
PRODUCING ZONE (CURRENT/PROPOSED) SAN ANDRES			LOAD STATUS - OIL BBLs. (+/-)		LOAD STATUS - WATER BBLs. (+/-)		
OPERATIONS OR STATUS OF WELL AT REPORT TIME: Status this A.M.: Frac Stage 39							

TIME - TIME	HOURS	REMARKS		
6:00 6:00	24	Frac Stage 32 with 160,040# of 20/40 Jordan sand with 300# PropNet and 71,287 gals 20# X-link gel. AIR 34.2 bpm at 3635 psi. Max pressure 6090 psi. Set plug sleeve at 7,360' and perforated Stage 33 from 7,261' - 7,272'. Frac Stage 33 with 159,980# of 20/40 Jordan sand with 300# PropNet and 73,806 gals of 20# X-link gel. AIR 35 bpm at 3330 psi. Max pressure 4570 psi. Set plug sleeve at 7,138' and perforated Stage 34 from 7,034' - 7,044'. Frac Stage 34 with 160,040# of 20/40 Jordan sand with 300# PropNet and 73,064 gals 20# X-link gel. AIR 35.1 bpm at 3972 psi. Max pressure 4952 psi. Set plug sleeve at 6,904' and perforated Stage 35 from 6,800' - 6,810'. Frac Stage 35 with 160,080# of 20/40 Jordan sand with 300# PropNet and 69,670 gals 20# X-link gel. AIR 34.9 bpm at 3686 psi. Max pressure 4476 psi. Set plug sleeve at 6,670' and perforated Stage 36 from 6,570' - 6,580'. Frac Stage 36 with 160,060# of 20/40 Jordan sand with 300# PropNet and 73,099 gals 20# X-link gel. AIR 35 bpm at 3524 psi. Max pressure 4751 psi. Set plug sleeve 6,436' and perforated Stage 37 from 6,314' - 6,324'. Frac Stage 37 with 160,840# of 20/40 Jordan sand with 300# PropNet and 71,993 gals 20# X-link gel. AIR 35 bpm at 3290 psi. Max pressure 4490 psi. Set plug sleeve at 6,210' and perforated Stage 38 from 6,084' - 6,094'. Frac Stage 38 with 160,220# 20/40 Jordan sand with 300# PropNet and 71,994 gals 20# X-link gel. AIR 35.1 bpm at 3244 psi. Max pressure 4298 psi. Set plug sleeve at 5,960' and perforated Stage 39 from 5,858' - 5,868'.		
AFE #	DAILY COST	GROSS \$ -	NET \$0.00	CONTRACTOR

BUDGET #	ACCUMULATED COST	GROSS	NET \$0.00	RIG/UNIT NAME/NO
AHC W.I. (PCT.)	AUTHORIZED AFE AMOUNT	GROSS	NET \$0.00	RIG/UNIT RATE
AHC INCOME INT. (PCT.)	WORK DONE BY J BRYANT			

