DAILY REPORT

DATE	July 9, 2017	**API NUMBER**	42495338430000	**REPORT #**	1
WELL	UL Urad 1609-21 1H				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	07:00	1.0	WAIT ON CREWS TO ARRIVE TO MIRU FOR TOE PREP AND ASSIST
07:00	09:00	2.0	J-4 OILFIELD SERVICE 15K TEST PUMP AND NU HAND, COMPLETION EQUIPMENT RENTAL INC., NU HAND, CRANE, PARTIAL FRAC STACK, 1-7-1/16", 15K, MANUAL FRAC VALVE, 1-5-1/8", 15K MANUAL FRAC VALVE, 5-1/8" X 7-1/16" 15K, XO SPOOL, 7-1/16", 8-PORT, 3.0" FRAC HEAD, GE OIL AND GAS NU HAND, PAYZONE COMPLETIONS RU CREW, 1-DUAL GAS BUSTER FLOWBACK TANK AND HALF PIT, GREAT PLAINS OILFIELD SERVICE, 3-500 BBL FRAC TANKS, RESOURCE WATER TRANSFER CREW TO LAY ROAD CROSSING AND TRANSFER TO PUMP DOWN TANKS, MI AND SPOT FLOWBACK TANKS AND HALF PIT, LAY 2.0" FLOWBACK IRON, SPOT PUMP DOWN TANKS, ND CAP OFF B-SECTION, INSTALL HANGER W/ DUAL BACK PRESSURE VALVE, NU 7-1/16", 15K MANUAL FRAC VALVE. INSTALL CAP ON VALVE. OPEN B-SECTION VALVES.
09:00	10:00	1.0	MIRU J-4 OILFIELD SERVICE 15K PUMP, LOAD 7-1/16" MANUAL FRAC VALVE AND B-SECTION TOP TRY TO PRESSURE TEST, REPAIR LEAKS TEST PUMP AND 3-PACKING GLANDS ON LOCKING PINS ON B-SECTION. PRESSURE TEST LOW TO 1,250 PSI, HELD 5 MINUTES, GOOD TEST, PRESSURE TEST HIGH TO 14,050 PSI FOR 15 MINUTES, HELD GOOD. BLED OFF AND ND CAP, DRY ROD HANGER, CYCLED 7-1/16" VALVE AND SI AND SECURED VALVE. C&J OILFIELD SERVICE ROUSTABOUTS PLUMB IN 13-3/8" SURFACE CASING, 1ST INTERMEDIATE 10-3/4" CASING, 2ND INTERMEDIATE 7-5/8" CASING STRINGS, BACKFILL CELLAR BELOW 7-5/8" CASING VALVE. CASEDHOLE SOLUTIONS 2-2500 HP PUMP DOWN PUMPS ARRIVED AND STARTED RU.
10:00	12:45	2.8	IRON MAN SPECIALTY FLUIDS, MIX PLANT AND CHEM TOTES ALL ARRIVED, NU REMAINING FRAC STACK, J-4 OILFIELD RENTAL 15K TEST UNIT LOAD AND TEST FRAC STACK TO 1,500 PSI, HELD 5 MINUTES, GOOD TEST, PRESSURE TEST HIGH TO 14,000 PSI FOR 15 MINUTES, HELD GOOD. RD TEST UNIT. TREAT TANKS WITH BIOCIDE, 10 GALLON PER 500 BBLS, RESOURCE WATER TRANSFER PRE-LOADS PUMP DOWN TANKS.
12:45	14:30	1.8	FINISH RIGGING UP CASEDHOLE SOLUTIONS. SPOT RTS ACID TRANSPORT, ACID TITRATED AT 16%, LOADED WITH 5,000 GAL HCL, MIDLAND, 30 GALLON OF FAI-256L HIGH TEMP ACID CORROSION INHIBITOR (250*), 20-GAL OF FIC-644RL IRON REDUCING AGENT, 10-GAL OF FNE-270LN NON-EMULSIFIER, NXT OILFIELD RENTALS GREASE, PRESSURE CONTROL, COMBATT OILFIELD SOLUTIONS WIRELINE AND CREW ARRIVED ON LOCATION HELD SAFETY MEETING, REVIEWED JRA'S FOR JOBS
14:30	18:45	4.3	SIPCP=STATIC, SIICP=STATIC, J-4 OILFIELD RU TO 7-5/8" 2ND INTERMEDIATE CASING AND LOADED W/ 1.0 BBL AND PRESSURED UP TO 1,510 PSI, TO MONITOR BACKSIDE DURING TOE PREP. OPENED WELLBORE, WALKED FRAC PUMP UP TO 2.5 BPM PSI, WELL WAS LOADED, SLOWLY WALKED PRESSURE UP TO 8,374 PSI, MAX PSI, HELD 10 MINUTES, HELD GOOD, CONTINUE WALKING PRESSURE UP TO 9,112 PSI, HELD 10 MINUTES, HELD GOOD. CONTINUE TO WALK PRESSURE UP TO 10,444 PSI, OPENED BURST SUB, CALCULATED OPENING SURFACE PRESSURE OF 12,120 PSI, MAX PSI, PRESSURE DID NOT BREAK, WALKED RATE UP SLOWLY TO 3.9 BPM=9,400 PSI, COULD NOT ESTABLISH A GOOD PUMP RATE, PUMPED A TOTAL OF 93 BBLS OF BIOCIDE TREATED FRESH WATER. STARTED ACID AT 3.9 BPM AT 9,450 PSI. PUMPED A TOTAL VOLUME OF 15% HCL ACID OF 120 BBLS, SWITCHED BACK TO FRESH WATER TREATED WITH BIOCIDE. HAD A TOTAL OF 25 BBLS OF DISPLACEMENT GONE, CASEDHOLE SOLUTIONS PUMPING SERVICE ISOLATION VALVES STARTED LEAKING TO 10K, 5.0" PUMP TOOK PUMP OFF PUMP LINE, HAD A TOTAL OF 75 BBLS OF ACID IN PERFORATIONS, DID NOT SEE AN INITIAL BREAK, LAST 45 BBLS OF ACID, HAD A GOOD BREAK, PUMPED ALL THE ACID INTO PERFORATIONS, SD AND RU 10K, 5.0" PUMP, ESTABLISHED FINAL RATE AT 15.03 BPM=7,760 PSI, PUMPED A TOTAL OF 578 BBLS OF TREATED WATER DISPLACEMENT. TOTAL FLUID PUMPED=715 BBLS, MAX RATE=15.03 BPM, ISIP=5,900 PSI, 1- MINUTE=5,200 PSI, 3-MINUTE=5,130 PSI, 5- MINUTE= 4,920 PSI. SHUT IN AND SECURE WELL.,
18:45	23:00	4.3	WAIT FOR 10K TO 15K SPOOL TO ARRIVE ON LOCATION. NU SPOOL AND WIRELINE FLANGE. RIG UP COMBATT WIRELINE.
23:00	02:30	3.5	PRESS TEST LUBE TO 8,500 PSI. RIH W/ GAMMARAY, CCL, DUMMY TOOL STRING AND DUMMY PLUG. TOTAL TOOL STRING LENGTH=39.70', CSG PRESS 4,700 PSI. TIE IN W/ LOGS FROM DRILLING RIG. TOP MARKER JT AT 11,645'-11,667'. PUMP DOWN FROM KOP TO 16,500'. PUMPING FRESH TREATED WATER AT 15 BPM AT 8,000 PSI. PRESSURE INCREASED TO 9,800 PSI AT 11 BPM BY 15,000'. PDV 245 BBLS. TOTAL FLUID PUMPED = 960 BBLS. POOH. PUMP DOWN DATA AS FOLLOWS: 12,500'=LS=116'/MIN , PU LT=2,692#, 13,500'-LS=230'/MIN, PU LT=2,510#, 14,500'-LS=222'/MIN, PU LT=2,459#, 15,500'-LS=184'/MIN , PU LT=2,607#, 16,500'- LS=38'/MIN , PU LT=2,200#, LINE TENSION SHEET ADDED TO ATTACHMENTS
02:30	03:30	1.0	PUMP SLICK WATER AS FOLLOWS: TEST LINES TO 9,900 PSI. OPEN WELL TO PUMPS W/ 4,830 PSI. PUMP 366 BBLS OF SLICK WATER AT 10 BPM WITH 9,500 PSI. CRACKED A FLUID END ON ONE OF CASED HOLE'S PUMPS W/ 366 BBLS PUMPED. SHUT WELL IN. TOTAL FLUID PUMPED = 1,326 BBLS.
03:30	06:00	2.5	RDMO CHS PUMPS, COMBATT WIRELINE, AND IRON MAN MIXING PLANT.
Total Hours		**24.0**	

CASING

Type	OD	ID	Weight	Grade	Bottom MD	Connection	Remarks
Conductor	20	19.124	94.0	J-55	110	WELDED	
Surface	13-3/8	12.615	54.5	J55	1,105	J55	
Intermediate	10-3/4	9.950	45.5	J-55	5,090	BTC	Cement to surface
Intermediate	7-5/8	6.875	29.7	P110HC	11,695	BTC	Full returns thru both jobs
	5-1/2	4.670	23.0	P-110	22,435	GeoCon BTC	6.5 Stick-up

TUBING

Type	OD	ID	Weight	Grade	Btm Pipe MD	Length	Remarks

SAFETY

Safety Meeting Topic					
Last BOP Test		**BOP Test Due**		**Accidents**	