DAILY REPORT

DATE	July 11, 2017	**API NUMBER**	42495338430000	**REPORT #**	3
WELL	UL Urad 1609-21 1H				
FIELD	Phantom (Wolfcamp)				
STATE	Texas				

OPERATIONS TIME LOG

From	To	Hrs	
06:00	09:00	3.0	HELD SAFETY MEETING AND REVIEWED JRA'S FOR JOBS TO BE CONDUCTED, ALL CREWS DISCUSSED RU PROCEDURES, SPOTTERS FOR TRUCKS, SPILL CONTAINMENT, ACID PRODUCT, PRESSURE RELEASE, REDZONE AREAS, OVERHEAD LOADS, FALLING OBJECTS, FALL PROTECTION, STOP JOB AUTHORITY, MUSTER AREA, WL OPS, AMBULANCE DRIVER, NEAREST HOSPITAL IN KERMIT TEXAS. MI SPOT COMBATT OILFIELD SERVICES WIRELINE TRUCK, TRAILERS, BAY, LTD 150 TON CRANE, OIL STATES ENERGY SERVICES GREASE AND PRESSURE CONTROL UNITS, WL BOP, LUBRICATOR, MIRU J-4 OILFIELD SERVICE 15K TEST PUMP, VALOR PUMPING SERVICE, 2-2500 HP PUMP DOWN PUMPS AND COMMAND CENTER. HALLIBURTON ENERGY SERVICES 140 BBL ACID TRANSPORT LOADED WITH 5,000 GAL OF 20% HCL ACID, TREATED IRON MAN SPECILTY FLUIDS ALREADY RIGGED UP AND PRIMED WITH FRESH WATER.
09:00	11:00	2.0	SIPCP=4,725 PSI, SIICP=STATIC, J-4 OILFIELD RU TO 7-5/8" 2ND INTERMEDIATE CASING, LOADED, PRESSURED UP TO 1,625 PSI, TO MONITOR BACKSIDE DURING TOE PREP. OPENED WELLBORE, WALKED FRAC PUMP UP TO 2.0 BPM WITH FRESH WATER TREATED WITH BIOCIDE, THERE IS 366 BBLS OF SLICKWATER LOADED IN WELL, CALCULATED=17,275.20', PUMP A CALCULATED 103.81 BBLS OF FRESH WATER TO GET SLICKWATER TO TOP BURST SUB TO CHECK PRESSURE RESPONSE FROM SLICKWATER PRIOR TO SWITCHING TO ACID. WELL WAS LOADED, SLOWLY WALKED PRESSURE UP TO 5,516 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. ESTABLISH A MAX RATE OF 12.1 BPM AT 10,134 PSI, DID NOT HAVE BAD PRESSURE RESPONSE FROM SLICKWATER, TOTAL FRESH WATER PUMPED=136 BBLS. SWITCH TO ACID AT 6.5 BPM AT 8,878 PSI. PUMPED A TOTAL VOLUME OF 20% HCL ACID OF 141 BBLS, SWITCHED BACK TO FRESH WATER TREATED WITH BIOCIDE AND START MIXING SLICKWATER WITH PIPE ON PIPE AT 1/8 PER 10 BBLS. HAD A TOTAL OF 458 BBLS OF 525 BBL DISPLACEMENT GONE, (CALCULATED PERFECT DISPLACEMENT=473.63 BBLS) PUMPING 12.1 BPM AT 9,665 PSI, HAVING PRESSURE BREAK TO 7,292 PSI, 5.0 BBLS OF ACID LEFT IN CASING AND 136 BBLS OF ACID IN FORMATION, INCREASED AND ESTABLISHED FINAL RATE AT 18.0 BPM=6,111 PSI, EXTENDED FLUSH VOLUME TO 691 BBLS. TOTAL FLUID PUMPED=968 BBLS, TOTAL TREATED FRESH WATER=136 BBLS, SLICKWATER=691 BBLS, ACID=141 BBLS, TL=827 BBLS MINUS ACID, LOAD FROM 7/9/2017=1,326 BBLS, TLTR=2,153 BBLS, MAX RATE=18.0 BPM, ISIP=5,330 PSI, 1- MINUTE=5,166 PSI, 3- MINUTE=5,126 PSI, 5- MINUTE= 5,097 PSI. AVG RATE=11.0 BPM, AVG PSI=8,476 PSI, SHUT IN AND SECURE WELL. BLED OFF
11:00	13:15	2.3	J-4 OILFIELD SERVICE ND 5-1/8" 15K CAP, MU 5-1/8" 15K WIRELINE ADAPTER
13:15	17:30	4.3	RU COMBATT OILFIELD SERVICES WIRELINE, OIL STATES ENERGY SERVICES PRESSURE CONTROL UNIT, J-4 OILFIELD SERVICE, LOAD LUBRICATOR ,TEST LUBE TO 9,000 PSI, BLED PRESSURE TO 5,500 PSI, OPEN WELLBORE AND EQUALIZE. SICP=4,957 PSI 13:30- OPEN TOOL TRAP AND RIH TO 11,737' TO KOP, PULLED UP AND CORRELATED CORRECTED MARKER JOINT AT 11,645' - 11,667', 1ST TEST RUN COMPLETED. START 2ND RUN, PUMPING DOWN WITH SLICKWATER AND PIPE ON PIPE AT 1/8 PER 10.0 BBL., TO A TOTAL DEPTH OF 16,519', MAX RATE=15.1 BPM, MAX PD PSI=7,242 PSI, TOTAL PDV=223 BBLS, 16,519'=PU WEIGHT OFF BOTTOM=1,505# AT -64'/MIN. TENSION WEIGHTS AS FOLLOWS: 15,500' =2,155# AT -224'/MIN, 14,500'=2,204# AT -212'/MIN, 13,500'=2,169# AT -207'/MIN, 12,500'=2,251# AT -148'/MIN, PULL BACK UP INTO VERTICAL, TIE INTO MARKER JOINT. START 3RD RUN, PUMPING DOWN WITH SLICKWATER AND PIPE ON PIPE AT 1/8 PER 10.0 BBL., TO A TOTAL DEPTH OF 18,830', MAX RATE=15.1 BPM, MAX PD PSI=7,698 PSI, TOTAL PDV=305 BBLS, 18,830'=PU WEIGHT OFF BOTTOM=2,462# AT -192'/MIN. TENSION WEIGHTS AS FOLLOWS: 18,500' =2,369# AT -187'/MIN, 18,000'=2,322# AT -112'/MIN, 17,500'=2,341# AT -220'/MIN, 16,500'=2,210# AT -226'/MIN, 15,500' =2,183# AT -234'/MIN, 14,500'=2,160# AT -238'/MIN, 13,500'=2,150# AT -244'/MIN, 12,500'=2,345# AT -228'/MIN, PULL BACK UP INTO VERTICAL, TIE INTO MARKER JOINT. START 4TH RUN, PUMPING DOWN WITH SLICKWATER AND PIPE ON PIPE AT 1/8 PER 10.0 BBL., TO A TOTAL DEPTH OF 19,530', MAX RATE=15.1 BPM, MAX PD PSI=8,061 PSI, TOTAL PDV=350 BBLS, 19,530'=PU WEIGHT OFF BOTTOM=2,040# AT -80'/MIN. TENSION WEIGHTS AS FOLLOWS: 18,500' =2,406# AT -216'/MIN, 17,500'=2,287# AT -226'/MIN, 16,500'=2,183# AT -231'/MIN, 15,500'=2,152# AT -238'/MIN, 14,500' =2,155# AT -230'/MIN, 13,500'=2,125# AT -233'/MIN, 12,500'=2,340# AT -189'/MIN, PULL BACK UP INTO VERTICAL, ALLOW LINE TO UN-TORQUE, WAIT FOR FORMATION TO LEAK OFF
17:30	21:15	3.8	START 5TH RUN, PUMPING DOWN WITH SLICKWATER AND PIPE ON PIPE AT 1/8 PER 10.0 BBL., TO A PLANNED DEPTH OF 19,530'. TOOL STRING SET DOWN AT 17,735' WHILE PUMPING AT 13.5 BPM WITH 8,400 PSI. WORKED TOLL STRING WHILE PUMPING AT VARIOUS RATES. UNABLE TO MOVE TOOLS. SURGED WELL AND WORKED TOOLS FREE. POOH. MAX RATE=15.1 BPM, MAX PD PSI=8,390 PS TOTAL PDV=321 BBLS, TENSION WEIGHTS AS FOLLOWS: 17,500' =2,022# AT -165'/MIN, 16,500'=2,053# AT -254'/MIN, 15,500'=2,123# AT -265'/MIN, 14,500'=2,212# AT -274'/MIN, 13,500' =2,130# AT -280'/MIN, 12,500'=2,234# AT -208'/MIN. WHEN TOOLS WERE INSPECTED IT WAS FOUND THAT SET SCREWS ON DUMMY PLUG WERE BACKED OUT. 2 SCREWS WERE LEFT IN THE HOLE.
21:15	23:00	1.8	CUT OFF 100' OF LINE AND RE-HEAD. INSPECT ALL WIRELINE TOOLS. WAIT FOR ACID TRANSPORT TO ARRIVE FROM GUANELLA LOCATION.
23:00	01:00	2.0	MIRU HALLIBURTON ACID TRANSPORT AND PUMP AS FOLLOWS: OPEN WELL TO PUMPS WITH 4,940 PSI. PUMP 128 BBLS 15% HCL AT 6 BPM. FLUSH WITH 540 BBLS SLICK WATER. FINAL PUMP IN PRESS 6,740 PSI AT 16 BPM. MAX PRESS 6,350 PSI. TOTAL FLUID PUMPED 668 BBLS. TLTR - 3,699 BBLS.
01:00	04:45	3.8	RU COMBATT WIRELINE. RIH W/ CCL, PLUG AND PERF GUNS. PERFORATED STAGE #1 FROM 22,172' - 22,288'. PUMP DOWN VOLUME- 472 BBLS. TLTR - 4,171 BBLS. POOH LOGGING COLLARS ON THE WAY OUT. TENSION WEIGHTS AS FOLLOWS:PICK UP OFF BTM 2,312#, 21,500'=2,250# AT - 148'/MIN, 20,500'= 2,240# AT -159 '/MIN, 19,500'= 2,109# AT -156'/MIN, 18,500'= 2,260# AT -154'/MIN, 17,500' =2,141# AT -169'/MIN, 16,500'=2,018# AT -170'/MIN, 15,500'=1,943# AT -173'/MIN, 14,500'=1,958# AT -208'/MIN, 13,500' =1,890# AT -187'/MIN, 12,500'=2,237# AT -191'/MIN. WHEN TOOLS GOT TO SURFACE DUMMY PLUG WAS GONE.
04:45	06:00	1.3	PUMP BREAKDOWN AS FOLLOWS: OPEN WELL TO PUMPS W/ 4,963 PSI. PUMP 50 BBLS AT 15 BPM W/ 6,525 PSI. INCREASE RATE TO 18.3 BPM AND PUMP 25 BBLS W/ 6,950 PSI. SD. ISIP - 5,425 PSI. 1 MIN - 5,155 PSI. 3 MIN - 5,079 PSI. 5 MIN - 5,039 PSI. SWI. TOTAL BBLS PUMPED 75 BBLS. TLTR 4,246 BBLS.
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**	