

Submit 1 Copy To Appropriate District
Office

District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87401
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SEP 11 2018
RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-42779
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Breitburn Operating LP		6. State Oil & Gas Lease No.
3. Address of Operator 1111 Bagby Street, Suite 1600 Houston, TX 77002		7. Lease Name or Unit Agreement Name Encore M State
4. Well Location Unit Letter <u>I</u> : <u>2070</u> feet from the <u>South</u> line and <u>760</u> feet from the <u>East</u> line Section <u>20</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>Lea</u>		8. Well Number <u>19</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3371' GL		9. OGRID Number <u>370080</u>
		10. Pool name or Wildcat Drinkard

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: Recomplete to Drinkard <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

.Please see attached Daily Activity Summary

Spud Date:

10-31-2015

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Charlotte Nash

TITLE Regulatory Analyst

DATE 9-6-2018

Type or print name Charlotte Nash

E-mail address: charlotte.nash@breitburn.com PHONE: 713-632-8730

For State Use Only

APPROVED BY:

Karen Sharp

TITLE

Staff Mgr

DATE 9-11-18

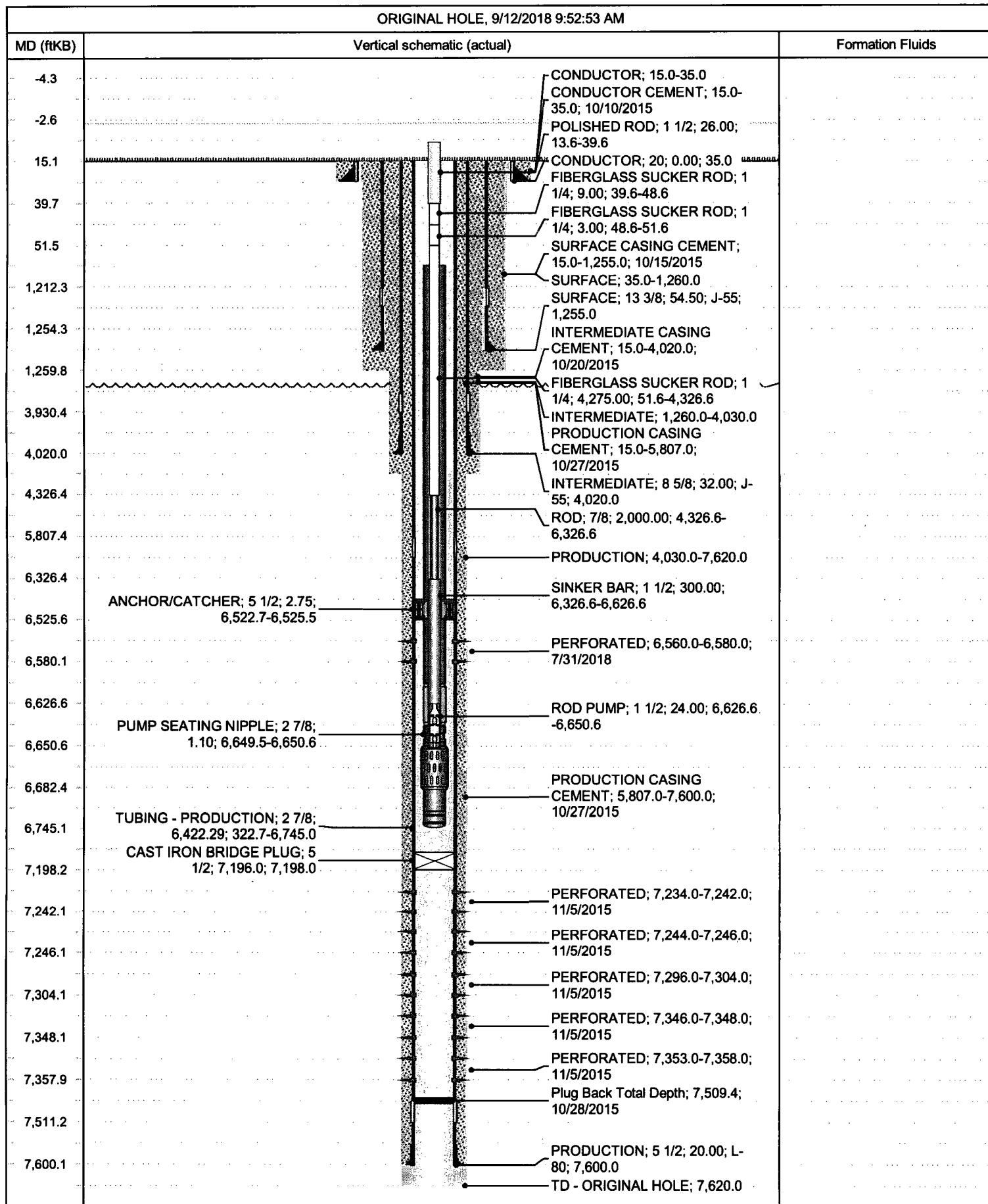
Conditions of Approval (if any):

Provide wellbore schematic w/ completion packet

ENCORE M STATE 019

Schematic

ORIGINAL HOLE, 9/12/2018 9:52:53 AM



Well Header				
Well Status PRODUCING	Well Type OIL PRODUCER	Well Lift Type	Well Configuration Type	Abandon Date
KB Elevation (ft) 3,386.00	Ground Elevation (ft) 3,371.00	KB-Ground Distance (ft) 15.00	Casing Flange Elevation (ft) 3,371.00	KB-Casing Flange Distance (ft) 15.00

Jobs						
Job Category CAPITAL WORKOVER	Primary Job Type RECOMPLETION	Primary Wellbore Affected ORIGINAL HOLE	Secondary Job Type	AFE Number AFE002136	AFE+Supp Amt (Cost) 460,000	Total Field Estimate (Cost) 226,588

Objective
PLUG BACK DEVONIAN & OPEN DRINKARD

Summary

Daily Operations							
Job Day (days)	Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary	Next 24 Hour Plan
1	1	7/25/2018	7/26/2018	5,250	5,250	MIRUPU, MIRU KILL PUMP, SET 9 FRAC TANKS, FILL FRAC TANKS WITH CLEAN FRESH WATER & 1 BLOWDOWN TANK & 4 UPRIGHT TEST TANKS, UNHANG WELL, BLEED WELL DOWN, UNSEAT PUMP, POOH & LD 130 1.2" FIBERGLASS, 80- 7/8" RODS & 20 -1.5" SINKER BARS & PUMP, CLOSE WELL IN & SION, PULL TBG IN THE AM	POOH W/ TBG
2	2	7/26/2018	7/27/2018	12,557	17,807	BLEED WELL DOWN, KILL WELL, NDWH, UNSET TAC, NU BOP, POOH W/ 229 JNTS TBG & BHA, MIRU CAPITAN WL, MAKE GAUGE RING RUN, RIH W/ 10 K CIBP, SET CIBP @7196' (CSG COLLAR @7204') MAKE 2 DUMP BAIL RUNS & DUMP 35' CEMENT ON TOP OF CIBP, RD WL, LAY DOWN 23 JNTS TBG, & RIH W/ SN & 206 JNTS TBG, TO 6575', PREPARE TO CIRCULATE CLEAN & TEST CASING, CLOSE WELL IN & SION	TEST CSG TO 7000#
3	3	7/27/2018	7/28/2018	11,780	29,597	OPEN WELL & CIRCULATE WELL BORE WITH CLEAN 2% KCL WATER, ND BOP & FLANGE, NU 10K TEST FLANGE, MIRU CUDD & PRESSURE TEST CSG TO 7000# FOR 10 MINUTES, HELD OK, CLOSE WELL IN & SION	STAND-BY FOR FRAC
6	4	7/30/2018	7/31/2018	5,590	35,187	OPEN WELL, MIRU CUDD & SPOT 500 GAL 15% NEFE DOUBLE INHIBITED ACID @6575', POOH & LD 52 JNTS TBG, CLOSE WELL IN & SION	LD TBG NU FRAC VALVE
7	5	7/31/2018	8/1/2018	13,479	48,666	FINISH LD ALL 2 7/8" TBG, FILL HOLE TO SURFACE WITH 2 % KCL WATER, STUART NU 10K FRAC STACK, TEST TO 7500# FOR 10 MINUTES, RIG DOWN PULLING UNIT & MOVE OFF, HOOK UP BLOWDOWN LINES, FILL SAND BINS, SPOT CAPITAN WL TRUCK & CRANE, TOP OFF ALL FRAC TANKS WITH FRESH WATER, READY TO PERF & FRAC IN THE AM	FRAC DRINKARD

Well Header				
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KB Elevation (ft) 3,386.00	Ground Elevation (ft) 3,371.00	KB-Ground Distance (ft): 15.00	Casing Flange Elevation (ft) 3,371.00	KB-Casing Flange Distance (ft) 15.00

Daily Operations						
Job Day (days)	Rpt #	Start Date	End Date	Day Total (Cost)	Cum To Date (Cost)	Summary
8	6	8/1/2018	8/2/2018	85,131	133,797	<p>READY TO FRAC AT 8AM, FRAC WAS DELAYED DUE TO BAKER HUGHES, TOOLS SHORTED & HAD TO PULL MICROPHONES, HAD 6 HR WAIT, GOT BAKER HUGHES BACK ON BOTTOM & BEGAN COMPLETION, RU CAPITAN WL & RIH & PERF STAGE 1 FROM 6560'-6580, 6SPF, 120 HOLES, ALL SHOTS FIRED, POOH & RD CAPITAN WL, TEST LINES & SET POP-OFFS TO 6800#</p> <p>BEGIN STAGE 1 DRINKARD FRAC, WHILE MONITORING MICRO SEISMIC IN M STATE WELL #15: SICIP: 0 PSI. FORMATION BROKE AT 3,512 PSI. WHILE PUMPING 11 BPM. PUMPED: TOTAL 15% HCL ACID: 119 BBLs, TOTAL SLICKWATER: 185 BBLs, 860 BBLs, 2,500 BBLs. LOAD TO RECOVER FOR THIS STAGE: 3,664 BBLs. TOTAL LOAD TO RECOVER: 3,664 BBLs. CONTAINING: TOTAL 100 MESH: 5,003 LBS, TOTAL 30/50 OTTAWA: 182,420 LBS, TOTAL 30/50 RC:13,868 LBS. PROPPANT PUMPED THIS STAGE: 201,291 LBS. TOTAL PROPPANT PUMPED: 201,291 LBS. ISIP: 5,492 PSI WITH A FRAC GRADIENT OF 1.12 PSI/FT.: 5 MIN.: 3,142 PSI.; 10 MIN.: 2,960 PSI.; 15 MIN.: 2,691 PSI.; QAVG: 62 BPM, PAVG: 5,456 PSI, QMAX: 72 BPM, PMAX: 6,575 PSI.</p> <p>***NOTES*** WHILE ON 3 PPG BLENDER OPERATOR HIT A SWITCH PUTTING THE SCREWS INTO STANDBY. OPERATOR WAS ABLE TO GET IT BACK, ALREADY BUT CAUSED A SLUG AT THE BEGINNING OF 4 PPG. THE DECISION WAS MADE TO CUT THE 4 PPG RC 20K SHORT DUE TO THE PRESSURE INFLECTIONS. DROPPED RATE WHILE ON FLUSH FINISHED FLUSH AT 23 BPM.</p> <p>RD BASIC & MOVE OFF LOCATION, SHUT WELL IN UNTIL MORNING, WILL CHECK PSI & OPEN WELL TO FLOW BACK @ 6AM NM</p>
9	7	8/2/2018	8/3/2018	6,940	140,737	<p>835# SICIP @6AM</p> <p>OPENED AT 6AM ON 16/64 CHOKE</p> <p>7AM FLOW 62 BBLs SEMI BROKE GEL, PRESS AT 200, OPEN TO 24/64 8AM FLOW 47 BBLs GEL IS NOT BROKE, SHUT WELL IN FOR MORE BREAK TIME IN 2 HRS RECOVERED 109 TOTAL BBLs GEL WATER, OF 3664</p> <p>3555 BBLs FLTR</p> <p>0# CSG PRESSURE</p> <p>MIRUPU, NIPPLE DOWN FRAC TREE EXCEPT FOR MASTER VALVE, INSTALL NIGHT CAP ON MASTER VALVE, INSTALL BLOW DOWN LINE FROM CSG VALVE TO CHOKE, OPEN WELL AT 3:00PM, GEL IS STILL NOT BROKE, CLOSE WELL IN & SION</p> <p>EMPTYING FRAC TANKS, RELEASE ALL FRAC TANKS</p>
10	8	8/3/2018	8/4/2018	9,840	150,577	<p>6:00 AM MST, 300# SICIP, OPEN TO TANK ON 14/64 CHOKE, BLEED TO 0# IN 10 MINUTES, RECOVERED 66 BBLs FRAC FLUID, RECOVERED 2 DAY TOTAL OF 175 BBLs, HAVE 3489 BBLs FRAC FLUID LEFT TO RECOVER, PICK UP & RIH W/NOTCHED COLLAR, SN & TBG, TAG FILL AT 7119' (PERFS 6560'-6580') (539' RAT HOLE) (219 JNTS 2 7/8" TBG TO TAG) RU PUMP & CIRCULATE BOTTOMS UP, POOH W/20 STANDS, CLOSE WELL IN & SION</p>

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11	9	8/4/2018	8/5/2018	6,380	156,957	125# SICP, BLEED DOWN, CONTROL FLOW WITH VACUUM TRUCK WHILE TRIPPING TBG, FINISH POOH W/ TBG, RIH W/2- JNTS 2 7/8" BULL PLUGGED TAIL PIPE, 3.5" SLOTTED MJ, 2 7/8" SN, BLAST JNT, 3 JNTS 2 7/8", TAC, 200 JNTS 2 7/8" TBG (EOT @6745') (SN @6649') (TAC @6518') PERFS @6560'-6580', (PBTD 7121'), ND BOP, NUWH, CLOSE WELL IN & SION	RIH W/PUMP & RODS
12	10	8/5/2018	8/6/2018		156,957	SHUT DOWN FOR SUNDAY	SHUT DOWN FOR SUNDAY
13	11	8/6/2018	8/7/2018	21,581	178,538	BLEED WELL DOWN, KILL TBG, RIH W/ 14' GAS ANCHOR, 2.5-1.5-24' RHBC HVR PUMP, 12- 1.5" SINKER BARS, 80- 7/8" RODS, 115- 1.2" FG RODS, 9'- 1.2" FG ROD SUBS, SPACE WELL OUT & HANG ON, LOAD & TEST TBG & PUMP ACTION TO 500#, GOOD PUMP ACTION, RD KILL PUMP, RDPUMO, PUMPING TO TEST TANK, HAVE 3489 BBLS FRAC FLUID TO RECOVER.	TESTING & RECOVERING FRAC FLUID
14	12	8/7/2018	8/8/2018	1,600	180,138	FLOWBACK/PUMPING BACK FRAC FLUIDS RECOVERED 192 BBLS FRAC WATER IN 17 HR, HAVE RECOVERED 367 BBLS OF 3664 SO FAR	FLOWBACK/PUMPING BACK FRAC FLUIDS
21	13	8/14/2018	8/15/2018	1,920	182,058	MIRUPU, PREPARE TO POOH WITH RODS & PUMP, TO RUN BOTTOM HOLE PRESSURE TOOLS, LEAVE WELL PRODUCING UNTIL 6AM WEDNESDAY MORNING, SHUT DOWN	LD RODS
22	14	8/15/2018	8/16/2018	11,270	193,328	BLEED WELL DOWN, GET OIL SAMPLES, SHUT WELL DOWN, UNHANG HEAD, LD POLISH ROD, FOUND PUMP STUCK, WORKED RODS, NO LUCK, BACK OFF RODS, LD ALL RODS, BACKED OFF ON LIFT SUB, LEFT PUMP IN THE HOLE, MIRU CAPITAN & SHOOT DRAIN HOLES ABOVE PUMP, POOH W/ 140 JNTS TBG, CLOSE WELL IN & SION, FINISH POOH IN THE AM	FINISH POOH
23	15	8/16/2018	8/17/2018	8,000	201,328	BLEED WELL DOWN, FINISH POOH W/ TBG, RIH W/ 2 2 7/8" BULL PLUGGED TAIL JNTS, 3.5" SLOTTED JNT, 2.280" SN, ENDURALLOY JNT, 3 JNTS 2 7/8" TBG, TAC & 190 JNTS TBG (EOT @ 6260), ND BOP, SET TAC, NUWH, RIH W/ 14' GAS ANCHOR, 2.5-2.0-24' RHBC HVR PUMP, 10-1.5" SINKER BARS, 80-7/8" RODS, 105-1.2 FG RODS, 3', 3', 9', 9' FG ROD SUBS, 1.5" -26' SMPR, SPACE WELL OUT & HANG ON RTP @ 6:30 PM MST, TESTING THROUGH TESTER, 24 HR SURVEILLANCE ON LOCATION	TESTING & FLOWBACK (PUMP BACK)
24	16	8/17/2018	8/18/2018	2,220	203,548	PROD TO CTB, RDPUMO	PROD TO CTB
28	17	8/21/2018	8/22/2018	720	204,268	MIRUPU, SHUT DOWN, PREPARE TO PULL RODS & RUN BHPT	POOH W/ RODS & PUMP
29	18	8/22/2018	8/23/2018	10,140	214,408	BLEED WELL DOWN, UNHANG HEAD, UNSEAT PUMP, POOH & LAY DOWN, ALL RODS & PUMP, MIRU PLUNGERS & MORE SLICK LINE, RIH ELECTRONIC MEMORY RECORDER, SET FOR 30 SECOND READINGS, 14 DAY CLOCK, SET RECORDER AT 6272', POOH & RDSL, CLOSE WELL IN & INSTALL SURFACE GAUGES, RDPUMO	BUILD PRESSURE
42	19	9/4/2018	9/5/2018	8,740	223,148	MIRUPU, MIRU SLICK LINE, BLEED CSG DOWN VIA FLOWLINE, RIH & RETRIEVE ELECTRONIC MEMORY RECORDER, EMR HAS BEEN DOWN HOLE 12 DAYS, RD SLICK LINE, BLEED TBG DOWN, NDWH & RIH W/ 10 JNTS TBG, BACK TO ORIGINAL DEPTH, RIH W GAS ANCHOR, PUMP, PICK UP 12- 1.5: SINKER BARS, 80-7/8" RODS, CLOSE WELL IN & SION	RIH W/ FIBERGLASS RODS & HANG ON

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43	20	9/5/2018	9/6/2018	3,440	226,588	BLEED WELL DOWN, FINISH PICKING UP RODS, SPACE WELL OUT & HANG ON, TOTAL IN THE HOLE, 2 TAIL JNTS, 3.5 SLOTTED MJ, SN, ENDURALLOY JNT, 3 JNTS 2 7/8" TBG, TAC, 200 JNTS 2 7/8" TBG, 14' GA, 2.5-1.5-24' RHBC HVR PUMP, 12- 1.5" SINKER BARS, 80- 7/8" RODS, 114- 1.2 FG RODS, 3', 9' -1.2" ROD SUBS, 26' - 1.5" SMPR, SPACE WELL OUT & HANG ON, LOAD & TEST TBG & PUMP ACTION TO 500#, GOOD PA, RDPUMO, ROAD TO JALMAT 231	PROD TO CTB