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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 87410
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 August 1, 2011

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

MAR 13 2014

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. 30-025-29546
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator CHEVRON MIDCONTINENT, L.P.		6. State Oil & Gas Lease No.
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705		7. Lease Name or Unit Agreement Name LOVINGTON DEEP STATE
4. Well Location Unit Letter: A 823 feet from the NORTH line and 581 feet from the EAST line Section 1 Township 17S Range 35E NMPM County LEA		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 241333
		10. Pool name or Wildcat LOVINGTON

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER:

OTHER: STIMULATION REPORT

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 FIND ATTACHED, REPORTS FOR WORK DONE FROM 09/27/2013 THROUGH 11/04/2013 FOR STIMULATION OF THE PERFS ON THE SUBJECT WELL.

Spud Date:

Rig Release Date:

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

SIGNATURE

Denise Pinkerton

TITLE: REGULATORY SPECIALIST

DATE: 03/05/2014

Type or print name: DENISE PINKERTON

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

For State Use Only

APPROVED BY:

Bill Savamah

TITLE

Staff Manager

DATE

3/17/2014

Conditions of Approval (if any):

MAR 17 2014



Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 9/27/2013

Job End Date: 11/4/2013

Well Name LOVINGTON DEEP STATE 001		Lease Lovington Deep State	Field Name Lovington	Business Unit Mid-Continent	
Ground Elevation (ft) 3,932.00	Original RKB (ft) 3,952.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Report Start Date: 9/27/2013

Com

Road unit to new location. Convoy rules applied

Production unloading a tank of crude to transport - oil having to be tested due to truck having bad bottoms. Offload equipment. Unable to spot due to movement of oil transport.

Crew travel.

Report Start Date: 9/30/2013

Com

Crew travel

SM: tenet, SWA, HazID, new location hazards - discuss daily activities when working in a battery

MIRU unit. Safety man performed inspection during and after initial RU.

Start ND B-1 adapter to NU BOPE. Need 9"3M x 11"3M spool. NU B-1.

Spot pipe racks. Offload 2 3/8" production tubing. Offload 3 1/2" frac string.

Noon meal

Strap tubing.

ND B-1 adapter. NU 9"3M x 11"3M spool. NU 11"3m BOP.

Test Blind rams and flange break against packer at 510'.

TIH PU production tbg with retrieving head.

Space out and PU swivel. Reverse circulate sand off packer and latch same. Strong gas blow to surface from under packer.

Work to release pkr. Pkr freed up going down but we had to work it free coming up

TOH. LD pkr. Secure well.

Crew travel

Report Start Date: 10/1/2013

Com

CREW TRAVEL TO LOCATION.

JSA AND SAFETY MEETING.

CHECK SICP HAD 0 PSI. PICKED UP 8.00" RETRIEVING TOOL. TIH WITH 17 JTS TAGGED UP @ 536'. RIGGED UP TBG SWIVEL. CIRCULATE HOLE @ 536' ON RETURNS WERE GETTING SAND. WASHED 2' OF SAND FELL THROUGH. CONTINUE TIH WITH TBG.

CREW REST FOR LUNCH

PICKED 8.00 RETRIEVING TOOL. TIH WITH TOTAL OF 150 JTS OF 2-3/8 J-55 TBG. TAGGED TOP OF PLUG @ 4,764'

RIGGED UP TBG SWIVEL. CIRCULATE SAND OFF T.S PLUGG. CIRCULATE TOTAL OF 40 BBLS OF BRINE. RELEASED PLUGG WELL HAD PRESSURE HAD 100 PSI. FLOWED WELL DOWN. BULL HEAD 60 BBLS OF BRINE DOWN TBG. WELL ON VACUUM.

JSA. CREW TOH WITH 150 JTS OF 2-3/8 J-55 TBG. LAYED DOWN 9-5/8 T.S PLUGG.

JSA. PICKED UP 8-1/4 BIT WITH BIT SUB. CREW TIH WITH 163 JTS OF 2-3/8 J-55 TBG. TAGGED P.B.T.D @ 5,190'.

CREW LAYED DOWN 13 JTS OF 2-3/8 J-55 TBG. LEFT 150 JTS IN HOLE. SECURE WELL SHUT DOWN FOR THE NIGHT.

CREW TRAVEL TO YARD.

Report Start Date: 10/2/2013

Com

CREW TRAVEL TO LOCATION

JSA AND SAFETY MEETING.

CHECK SICP HAD 0 AND SITP HAD 0 PSI. CREW STARTED OUT LAYING DOWN 2-3/8 J-55 TBG. CREW LAYED DOWN 150 JTS OF 2-3/8 J-55 TBG.

JSA. CHANGED OUT 2-3/8 PIPE RAMS AND PUT ON 3-1/2 RAMS. WEATHERFORD REP FUNCTION TEST B.O.P. FUNCTION GOOD.

CREW REST FOR LUNCH.

JSA. RIGGED UP TBG TESTERS. PICKED UP FRAC PKR 9-5/8X4-1/2 AS-1X WITH T-2 ON/OFF TOOL WITH X NIPPLE FRAC GRADE AND SET 30'. TEST B.O.P. TO 800 PSI HELD GOOD. RELEASED PRESSURE.

JSA. TIH WITH 3-1/2 TBG HYDROTESTING TBG IN TO 8,000 PSI. CREW TIH WITH 20 JTS AND TBG TONGS BROKE. CHANGE OUT DIES ASSEMBLY. TOOK 20 MIN. CREW TIH WITH A TOTAL OF 152 JTS OF 3-1/2 TBG. LEFT PKR SWINGING @ 4,774'. RIGGED DOWN TBG TESTERS. SECURE WELL SHUT IN FOR THE NIGHT.

CREW TRAVEL TO YARD.

Report Start Date: 10/3/2013

Com

CREW TRAVEL TO LOCATION.

JSA AND SAFETY MEETING.

CHECK SICP HAD 0 PSI AND SITP HAD 0 PSI. NIPPLED UP 11"X 7-1/6 5K ADAPTER SPOOL SET PKR @ 4,774'.

PRESSURE TEST CASING AGAINST PKR. PRESSURE TO 100 PSI AND COMMUNICATED AROUND UP THE TBG. HAD PKR HAND PULL MORE TENSION TO PACK OFF TOOL. STILL SAME. MOVED PKR UP HAOLE 1 JT PKR COMMUNICATED AROUND. DECIDED TO PULL PKR OUT HOLE.

CREW REST FOR LUNCH.



Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 9/27/2013

Job End Date: 11/4/2013

Well Name LOVINGTON DEEP STATE 001		Lease Lovington Deep State	Field Name Lovington	Business Unit Mid-Continent	
Ground Elevation (ft) 3,932.00	Original RKB (ft) 3,952.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com

TOH WITH 3-1/2 WITH A TOTAL OF 152 JTS OF 3-1/2 TBG. LAYED DOWN 9-5/8 AS-1X FRAC PKR. INSPECTED PKR DID NOT SEE ANYTHING WRONG WITH TOOL ON SEAL AREA. PEAK COMPLETION FOUND ANOTHER TOOL FROM BROWN FIELD YARD.

WAITED ON PEAK COMPLETION TO BRING OUT NEW 9-5/8 PKR. WHILE WAITING ON TOOL. ADVISED PKR HAND TO CALLIPER GAGE RING ON TOOL. O.D WAS 8.25'. WEIGHT RANGE FOR THIS O.D IS 43-53#. PKR HAD WRONG ELEMENTS. 9-5/8 IS 40#. O.D FOR TOOL IS 8.50". WEIGHT RANGES ARE FROM 32-43#. PEAK COULD NOT GET PROPPER TOOL UNTIL 7:00 PM. DECIDED TO WEIGHT TIL IN THE MORNING TO GET PROPER TOOL. SECURE WELL SHUT DOWN FOR THE DAY.

CREW TRAVEL TO YARD.

Report Start Date: 10/4/2013

Com

CREW TRAVEL TO LOCATION.

JSA AND SAFTEY MEETING.

CHECK SICP HAD 0 PSI. CALLIPER TBG ELAVATERS.

RIGGED UP TBG TESTERS

PICKED UP 9-5/8 PEAK PKR. TIH WITH 5 STANDS TESTING TBG TO 8,000 PSI. SET PKR. PKR WOULD NOT FULLY J-OVER ON THE SET POSITION. ATTEMPTED TO RELEASE PKR. PKR WOULD TRAVEL UP BUT COULD NOT GO DOWN. PULLED 5 STANDS OUT. LAYED PKR DOWN. INSPECTED TOOL PKR WOULD NOT GO ON UNSET POSTION. J-TRACK OF TOOL WAS STUCK. PEAK HAND CALLED OUT FOR ANOTHER TOOL WHICH SECOND TOOL THAT DIDNT WORK PROPERLY.

WAIT ON PEAK COMPLETION TO BRING OUT ANOTHER TOOL. PKR HA ND HAD TO REDRESS TOOL ON LOCATION TO CHANGE OUT GAGE RINGS. PICKED UP PKR ON 1 JT HYDROTEST TOOL TO 8,000 PSI. BOTTOM SUB OF PKR LEAKED. TOOL OPERATER PUT NEW O-RING ON BOTTOM SUB. RETEST TOOL TO 8,000 PSI HELD GOOD.

CREW STARTED IN HOLE WITH 3-1/2 TBG TESTING TBG TO 8,000 PSI. CREW TIH WITH A TOTAL OF 152 JTS OF 3-1/2 TBG.

SET PKR WITH 152 JTS OF 3-1/2 TBG @ 4,774. PKR COMMUNICATED. MOVED PKR TO 4,553 HELD GOOD. HAD COMMUNICATION FROM 4,774-4,553. SECURE WELL SHUT IN FOR THE NIGHT.

CREW TRAVEL TO YARD.

Report Start Date: 10/5/2013

Com

CREW TRAVEL TO LOCATION.

JSA AND SAFTEY MEETING WITH BAKER FRAC CREW AND RIGG CREW.

CHECK SICP HAD 0 PSI AND SITP HAD 0 PSI. RIG CREW RIGGED UP FRAC EQUIPMENT. WHILE RIGGING UP BAKER HUGHES SPOT IN ALL FRAC TRUCKS OUT SIDE OF GUIDE WIRES. TEST ALL FRAC EQUIPMENT TO 8,000 PSI

RIG UP BAKER FRAC EQUIPMENT LINES,

PT ALL SURFACE TREATING IRON W/ 8,800 PSI " TEST GOOD "

POP OFF SET @ 7,700 PSI

PT 4" TREATING IRON W/ 8,800 PSI " TEST GOOD" , PERFORM MINI FRAC= OPEN WELL W/ 0 PSI..

1. BREAK EST. RATE 3,500 VIKING 11 BBLS 19 BPM / 5,200 PSI. ISTANLEY SAW COMMUNICATION AROUND PKR WHILE MONITORING CASING SIDE. DECIDED TO GO ON FLUSH. FLUSH WITH 73 BBLS OF FRESH. ISIP HAD 2,600 PSI. BLEED PRESSURE OFF.

CONTACTED ENGINEIR ANFD NOTIFY HIM. DECIDED TO RELEASE FRAC CREW AND PULL PKR OUT HOLE MONDAY DO CASING INSPECTION LOG.

RIGG DOWN BAKER FRAC EQUIPMENT. WHILE RIGGING DOWN NOTICE BOTTOM OF B.OP LEAKING. ADVISE REVERS HAND TO CHECK SICP HAD 2,600 PSI. BLEED PRESSURE OFF QUICK. CLOSE VALVE AND NOTICE PRESSURE WOULD CLIMB TO 2,000 PSI IN 12 MIN QUICK. CONTACTED ENGINEIR DECIDED TO GET FLOW BACK CREW TO FLOW WELL BACK.

CREW TRAVEL TO YARD.

FLOW WELL BACK WHILE. WELL FLOWING BACK ABOUT .25 BBL MIN. WAITED ON GUARDIAN FLOW BACK CREW ARRIVE TO WATCH WELL FOR 24 HRS. COULD NOT SHUT IN WELL DO TO WELL WILL PRESSURE UP IN TO 2,500 PSI IN 13 MIN.FROM 7:30-12:00AM WELL FLOWED 3 BBLS OF WATER. LEFT FLOW BACK CREW WATCH OVER NIGHT.

Report Start Date: 10/7/2013

Com

CREW TRAVEL TO LOCATION

JSA AND SAFTEY MEETING.

CHECK SICP HAD 0 PSI AND SITP HAD 100 PSI. BLEED PRESSURE OFF ON TBG. NIPPLE DOWN GOAT HEAD AND ONE TREE VALVE. RELEASED ON/OFF TOOL OFF OF PKR. DO TO TBG HAS GEL.

CIRCULATE GELL OUT OF TBG. CIRCULATE A TOTAL OF 60 BBLS. TBG FLOWING. PUMPED DOWN TBG TOTAL OF 30 BBLS WHILE CHOKING BACKSIDE BACK. WELL ON VACUME.

JSA. NIPPLE DOWN REMAING FRAC VALVE. PKR HAND RELEASED PKR. PKR HAND TROUBLE RELEASING PKR. HAD TO WORK PKR IN ORDER TO RELEASE TOOL. RELEASE PKR. SET IN LAY DOWN MACHINE AND RACKS.

CREW STARTED OUT HOLE WITH TBG. CREW PULLED 145 JTS OF 3-1/2 TBG. LAYED DOWN 9-5/8 PEAK PKR.

JSA. CREW TIH WITH 64 JTS OF 3-1/2 TBG FOR KILL STRING TOTAL DEPTH OF 2,000'. SECURE WELL SHUT IN FOR THE NIGHT.

CREW TRAVEL TO YARD.

Report Start Date: 10/8/2013



Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 9/27/2013

Job End Date: 11/4/2013

Well Name LOVINGTON DEEP STATE 001		Lease Lovington Deep State	Field Name Lovington	Business Unit Mid-Continent	
Ground Elevation (ft) 3,932.00	Original RKB (ft) 3,952.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com					
Crew travel to LOC					
SM: tenet, JSA, Operations plan, 360 MySpace, SWA					
TOH 32 stands of 3-1/2 Frac string					
RU flange and Weatherford wireline, The swedge on the top of the 11 x 3K flange is the wrong size waiting on Weatherford to bring out different flange.					
RIH with Weatherford Wireline doing a CIT with a 9-5/8 Casing imaging tool with gamma ray. RIH logging well to 4810' and POOH logging well					
CIT run is complete, RD wireline and send log to engineer's					
Shut in well for night					
Debrief crew					
Crew Travel home for night					
Report Start Date: 10/9/2013					
Com					
Crew travel to LOC					
SM: tenet, JSA, Operations plan, 360 MySpace, SWA					
Laydown 20 jts of 3-1/2 tubing on tubing racks while waiting on 9-5/8 packer					
Waiting on Weatherford to bring a 9-5/8 Packer, Weatherford can't get packer to us until the morning. run kill string					
TIH 32 stands with a 3-1/2 for a kill string, shut in well for night					
debrief crew					
Crew travel home					
Report Start Date: 10/10/2013					
Com					
Crew travel to LOC					
SM: tenet, JSA, Operations plan, 360 MySpace, SWA					
Caliper elevators, TOH 32 Stands of 3-1/2, 9.3# kill string					
RU hydro testers and Weatherford 9.625" AS-1 packer with a 2.31 F profile and a on/off tool, Pressure test packer and 1 joint of 3-1/2 tubing to 8000psi					
TIH with packer hydrotesting each stand of 3-1/2 tubing to 8000psi set packer at 4025', RD hydro testers					
Set packer at 4025', filled back side with fluid and tested backside to 500psi held for 5 minutes good test. bleed off back side to 250psi, Pumped fluid down 3-1/2 tubing at 2.5 bpm at 250psi, pumped for 5 minutes back side held steady at 250psi, good test					
NU Frac stack on well, Pressure test Frac stack to 8000psi hold for 5 minutes, Good test					
RD rig and equipment, move off LOC for Frac,					
Shut in Well					
Debrief crew					
Crew travel home					
Report Start Date: 10/11/2013					
Com					
Move in spot equipment					
SM: tenet, JSA, Operations plan, 360 MySpace, SWA					
RU Frac equipment					
Toolbox safety meeting on job scope fro fracuturing the well					
Pressure test pump lines and surface equipment to 9826psi set pop off at 7778psi					
Start mini Frac					
1225; STP, 2678; Annulus, 200; Stage Bbls, 0; Total Bbls, 0; Slurry Rate 0 bpm; Sart breakdown at 4215psi					
1237; STP, 3837; Annulus, 200; Stage Bbls, 43; Total Bbls, 43;Slurry Rate 23 bpm; Slick Water					
1244; STP, 3564; Annulus, 200; Stage Bbls, 157; Total Bbls, 200; Slurry Rate 35 bpm; Shut down to monitor well					
1247; STP, 4275; Annulus, 200; Stage Bbls, 0; Total Bbls, 200;Slurry Rate 0 bpm; Start Viking 3500 Minifrac					
1253; STP, 5209; Annulus, 200; Stage Bbls, 202; Total Bbls, 402; Slurry Rate 35.6 bpm; 35# Linear flush					
1256; STP, 3123; Annulus, 200; Stage Bbls, 109; Total Bbls, 511; Slurry Rate 35.2 bpm; Shut down					
1300; Complete stage 1, waiting to see if formation closes					
Treating Pressure; Min. 2678psi, Max; 5596psi, Average; 3817psi					
Injection rates; Treating Fluid 35 Bpm, Fluse; 35 Bpm, Average 35 Bpm					
Shut in Pressure; ISDP 3878psi, 5 min. 0, 10 min. 0, 15 min. 0, Final pressure 2867					
Fluid Dens. lb/gal 8.34					



Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 9/27/2013

Job End Date: 11/4/2013

Well Name LOVINGTON DEEP STATE 001		Lease Lovington Deep State	Field Name Lovington	Business Unit Mid-Continent	
Ground Elevation (ft) 3,932.00	Original RKB (ft) 3,952.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com

Formation closed. Mini Frac good.
Start Main Frac

1347: STP, 0; Annulus, 200; Stage Bbls, 0; Total Bbls, 0; Slurry Rate, 0 bpm; Start breakdown
1348: STP, 3085; Annulus, 200; Stage Bbls, 8; Total Bbls, 8; Slurry rate, 0 bpm; Start Spearhead Acid
1355: STP, 3454; Annulus, 200; Stage Bbls, 82; Total Bbls, 90; Slurry Rate, 10.5 bpm; Start Pad
1420: STP, 5068; Annulus, 200; Stage Bbls, 832; Total Bbls, 922; Slurry Rate 34.9 bpm; Start .25 ppg brown sand
1423: STP, 5046; Annulus, 200; Stage Bbls, 114; Total Bbls, 1036; Slurry Rate 34.9 bpm; Start .5 ppg brown sand
1429: STP, 5072; Annulus, 200; Stage Bbls, 193; Total Bbls, 1229; Slurry Rate 34.8 bpm; Start 1 ppg brown sand
1435: STP, 5003; Annulus, 200; Stage Bbls, 220; Total Bbls, 1449; Slurry Rate 34.7 bpm; Start 2 ppg brown sand
1444: STP, 4950; Annulus, 200; Stage Bbls, 311; Total Bbls, 1760; Slurry Rate 34.7 bpm; Start 3 ppg brown sand
1455: STP, 4909; Annulus, 200; Stage Bbls, 378; Total Bbls, 2138; Slurry Rate 34.7 bpm; Start 4 ppg brown sand
1455: STP, 4909; Annulus, 200; Stage Bbls, 112; Total Bbls, 2250; Slurry Rate 34.3 bpm; Start 5 ppg brown sand
1458: STP, 4853; Annulus, 200; Stage Bbls, 149; Total Bbls, 2399; Slurry Rate 34.3 bpm; Start 6 ppg Super LC Sand
1503: STP, 4769; Annulus, 200; Stage Bbls, 187; Total Bbls, 2586; Slurry Rate 34.4 bpm; Start Flush
1510: STP, 4156; Annulus, 200; Stage Bbls, 99; Total Bbls, 2685; Slurry Rate 34.1 bpm; Shut Down ISP
1511: Complete stage 2

Treating Pressure; Min. 4322psi, Max; 5182psi, Average; 4957psi
Injection rates; Treating Fluid 35 Bpm, Fluse; 34.7 Bpm, Average 34.7 Bpm
Shut in Pressure; ISDP 2962psi, 5 min. 2877; 10 min. 2861; 15 min. 2832; Final pressure 2832 in 15 Minutes
Fluid Dens. lb/gal 8.32

RD Frac equipment. Move Out

Report Start Date: 10/12/2013

Com

Went over job scope, possibly H2S, pinch point, hand placement while hammer up equipment, and 2 man lifts while picking up and carrying flow back lines

RU flow back equipment

Time	Chk	Tub	H2o	Cum.
	64ths	psi	bbls	bbls
19:00	13/64A	2400	19	19
20:00	13/64A	2400	25	44
21:00	14/64A	2400	22	66
22:00	12/64A	2300	47	113
23:00	12/64A	2300	38	151
00:00	13/64A	2300	24	175

No oil or gas

Report Start Date: 10/13/2013



Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 9/27/2013

Job End Date: 11/4/2013

Well Name LOVINGTON DEEP STATE 001		Lease Lovington Deep State	Field Name Lovington	Business Unit Mid-Continent	
Ground Elevation (ft) 3,932.00	Original RKB (ft) 3,952.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com					
Time	Chk	Tub	H2o	H2o Cum.	
	64ths	psi	bbbs	bbbs	
01:00	13/64A	2200	36	36	
02:00	13/64A	2200	27	63	
03:00	13/64A	2200	32	95	
04:00	13/64A	2100	37	132	
05:00	13/64A	2000	32	164	
06:00	13/64A	2000	33	197	
07:00	13/64A	2000	31	228	
08:00	13/64A	1900	27	255	
09:00	13/64A	1800	32	287	
10:00	13/64A	1700	35	322	
11:00	13/64A	1600	31	353	
12:00	13/64A	1500	45	398	
13:00	13/64A	1400	31	429	
14:00	13/64A	1250	31	460	
15:00	14/64A	1100	27	487	
16:00	14/64A	1000	24	511	
17:00	14/64A	900	21	532	
18:00	16/64A	800	16	548	
19:00	18/64A	500	21	569	
20:00	26/64A	250	26	595	
21:00	32/64A	100	18	613	
22:00	38/64A	40	15	628	
23:00	44/64A	15	11	639	
00:00	3/4"	2	12	651	

Report Start Date: 10/14/2013

Com					
Time	Chk	Tub	H2o	H2o Cum.	
	3/4"	psi	bbbs	bbbs	
01:00	3/4"	2	10	10	
02:00	2"	2	6	16	
03:00	2"	2	11	27	
04:00	2"	2	8	35	
05:00	2"	2	4	39	
06:00	2"	2	6	45	
07:00	2"	2	3	48	
08:00	2"	2	3	51	
09:00		86	0	51	
10:00	2"	2	3	54	
11:00	2"	2	2	56	
12:00	2"	2	2	58	
13:00	2"	2	1	59	
14:00	2"	2	1	60	
15:00	2"	2	2	62	
16:00	2"	2	2	64	
17:00	2"	2	3	67	
18:00	2"	2	3	70	
No oil or gas returned					

Report Start Date: 10/14/2013

Com					
Report Start Date: 10/29/2013					
Com					
Crew in transit to loc.					
Safety meeting with all personnel on loc.					
Road rig from VGSA unit #12 to loc.					
RUPU, set in lay down machine, pipe racks, set 2-3/8" tbg. on racks, set reverse pump and pit, run lines to wellhead					
Hook up blow down line to goat head, 120# on tbg. blow down to pit, tbg. dead. Pressure up on BOP against packer to 250#, test good, pressure up to 500#, test good. ND goat head, NU lift sub, release Weatherford packer, well U-tubing wait for well to balance, lay down Guardian well head assembly.					
Gauge elevators, POOH with 3-1/2" frac string laying down. Left kill string in hole. SIFN					
Crew in transit to yard					
Report Start Date: 10/30/2013					
Com					
Crew in transit to loc.					
Safety meeting with all personnel on loc.					



Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 9/27/2013

Job End Date: 11/4/2013

Well Name LOVINGTON DEEP STATE 001		Lease Lovington Deep State	Field Name Lovington	Business Unit Mid-Continent	
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Com

Remove adapter spool. Gauge elevators. POOH with remainder of 3-1/2" tbg. and Weatherford packer, laying down. Change pipe rams on BOP to 2-3/8". PU Weatherford packer RIH one joint 2-3/8" tbg. test BOP to 250# and 500#. Lay down packer.

Safety meeting with Basin test personnel and all personnel on loc.

RU Basin testers equipment, RIH with 8-3/4" MT bit and 2-3/8" tbg. testing 2-3/8" tbg. to 5000#. tag sand at 4910', 182' of fill.

POOH wit 8 stands tbg., RIH with remaining 10 joints tbg. testing. EOT at 4727', top perf at 4867" RD Basin tbg. testing equipment. Lay down 10 joints to clean out fill with. SIFN

Crew in transit to yard

Report Start Date: 10/31/2013

Com

Crew in transit to location

Safety meeting with all personnel on location

Gauge elevators, RIH tag fill at 4910', RUPS, break reverse circulation with 10# brine water, drill down to PBTD at 5192', getting good returns, attempt to reverse circulate clean, tbg plugged off. POOH with three wet joints. Call wire-line to perf tbg.

Wait on wire-line, install rod boxes on rods.

Safety meeting with Rotary wire-line personnel and all personnel on loc.

RU Rotary wire-line equipment, RIH to 154' tagged up. perf tbg. RD Rotary wire-line equipment

Guage elevators, POOH with tbg. lay down 12 joints cleaning sand out. POOH standing back clean tbg.

Crew in transit to yard

Report Start Date: 11/1/2013

Com

Crew in transit to location

Safety meeting with all personnel on location; Review compliance assurance, slide show and discuss issues.

Safety meeting with Rotary wire-line personnel and all personnel on location.

RU Rotary wire-line equipment, RIH tag at 5183', POOH PU cement bailer, RIH spot cement at 5183'. POOH reload bailer, RIH spot cement. Top of cement at 5173'. POOH Rd Rotary wire-line equipment.

Wait on 9-5/8" Weatherford packer

PU Weatherford 9-5/8" packer, RIH with 126 joints tbg. set packer at 4027', set packer. Load and test casing to 500#, pumping into casing leak at 300#, POOH to 3708', test casing same leak, POOH to 3389' held 500#, RIH to 3548' leak off, POOH to 3517' pressure up to 500# held good.

POOH with 2-3/8" tbg. standing back and lay down packer. SIFN

Crew in transit to yard

Report Start Date: 11/2/2013

Com

Crew in transit to location

Safety meeting with all personnel on location

Gauge elevators, PU:

Sand screen

Seating nipple

2- joints 2-3/8" coated tbg.

5- joints 2-3/8" J-55 bare tbg.

1- TAC

2- joints 2-3/8" J-55 bare tbg.

1- sub 2-3/8" J-55 bare

147- joints 2-3/8" J-55 bare tbg.

TACat 4769.51

SN at 4994.15

EOT at 5018.05

NDBOP, NUWH

PU;

1- 2" Insert pump (Garner pumps)

16- 1.5" X 25' K-bars

110- 3/4" weatherford HD rods

71- 7/8" Weatherford HD rods

3- pony rods -20'

1- 1-1/2" X 26' polish rod

PU horse head and hang, install stuffing box, space out rods, test pump. SIFN

Crew in transit to yard

Report Start Date: 11/4/2013



Summary Report

Major Rig Work Over (MRWO)

Stimulation

Job Start Date: 9/27/2013

Job End Date: 11/4/2013

Well Name LOVINGTON DEEP STATE 001		Lease Lovington Deep State	Field Name Lovington	Business Unit Mid-Continent	
Ground Elevation (ft) 3,932.00	Original RKB (ft) 3,952.00	Current RKB Elevation		Mud Line Elevation (ft)	Water Depth (ft)

Com

Crew in transit to location

Safet meeting with all personnel on location

Space out rods. Replace flow line connections.

RDPU, load pipe racks, reverse unit, pit, tanks, 3-1/2" frac string (send to Knight) load excess prod. tbg. send to 1788, load BOP send to Weatherford, load change over spools send to D&L and clean location.