

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

HOBBS OCD

DEC 30 2015

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Form C-104  
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address CHEVRON U.S.A. INC. 15 SMITH ROAD MIDLAND, TEXAS 79705		<sup>2</sup> OGRID Number 4323
		<sup>3</sup> Reason for Filing Code/ Effective Date RECOMPLETION 08/2015
<sup>4</sup> API Number 3002526256	<sup>5</sup> Pool Name BAISH; WOLFCAMP NORTH	<sup>6</sup> Pool Code 4500
<sup>7</sup> Property Code	<sup>8</sup> Property Name LANDSDALE D FEDERAL	001

II. <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
I	4	19S	32E		1980	SOUTH	660	EAST	LEA

<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Lse Code FEDERAL	<sup>13</sup> Producing Method Code FLOWING	<sup>14</sup> Gas Connection Date 08/31/2015	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
	PLAINS	OIL
	FOUR STAR OIL & GAS CO.	GAS
	(NO LONGER A 'COM' WELL)	
	***well name has been changed to LANDSDALE D FEDERAL #001	

IV. Well Completion Data

<sup>21</sup> Spud Date 08/06/2015	<sup>22</sup> Ready Date 08/25/2015	<sup>23</sup> TD 13,000	<sup>24</sup> PBTB 12,968	<sup>25</sup> Perforations 10,585 - 10,610	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
NO CHANGE					
	2 7/8" TBG SET @ 10,687'				

V. Well Test Data

<sup>31</sup> Date New Oil 08/31/2015	<sup>32</sup> Gas Delivery Date 08/31/2015	<sup>33</sup> Test Date 08/31/2015	<sup>34</sup> Test Length 24 HRS	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
<sup>37</sup> Choke Size	<sup>38</sup> Oil 185	<sup>39</sup> Water 31	<sup>40</sup> Gas 404		<sup>41</sup> Test Method FLOWING

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: Denise Pinkerton

Printed name:  
DENISE PINKERTON

Title:  
REGULATORY SPECIALIST

E-mail Address:  
Leakejd@chevron.com

Date:  
12/22/2015

Phone:  
432-687-7375

OIL CONSERVATION DIVISION

Approved by:

Title:  
Petroleum Engineer

Approval Date:

01/07/16

2 PP Lusk; Morrow, North (GAS) (80800) 8/20/15  
ACTIVATE BAISH; WOLFCAMP, NORTH [4500] 8/20/15

JAN 08 2016



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OCD

DEC 30 2015

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

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**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM22643
2. Name of Operator CHEVRON U.S.A. INC. ✓		6. If Indian, Allottee or Tribe Name
Contact: DENISE PINKERTON E-Mail: leakejd@chevron.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 15 SMITH ROAD MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 432-687-7375	8. Well Name and No. LANDSDALE D FEDERAL 001 ✓
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 4 T19S R32E Mer NMP 1980FSL 660FEL ✓		9. API Well No. 30-025-26256 ✓
		10. Field and Pool, or Exploratory BAISH;WOLFCAMP NORTH
		11. County or Parish, and State LEA COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

08/06/2015: MIRU.  
08/08/2015: TIH W/CIBP & SET @ 4610'. TAG TOP OF CIBP @ 4600.  
08/10/2015: SET CMT RET @ 4435'.  
08/11/2015: TAG TOC @ 4428'. DRILL OUT CMT RET. EOT @ 4403'.  
08/12/2015: TAG CMT @ 4440'. DRILL OUT CMT @ 4522'. EOT @ 4553'.  
08/13/2015: TAG CIBP P @ 4600'. DRILL OUT CIBP. TAG TOP OF PKR @ 12506'.  
08/17/2015: TAG TOC @ 12137. SET PKR @ 10435.  
08/20/2015: SET CIBP @ 10,925'. DMP BAIL 4 SX CMT IN 2 RUNS FR 10925-10890.  
PERFORATE 10585-10610'.  
08/25/2015: ACIDIZE W/48 BBLs 10% HCL ACID. FRAC W/20/40 DELTA FRAC 200: 61,710 LBS.  
08/29/2015: WELL IS FLOWING.  
09/14/2015: SET 2 7/8" TBG @ 10,687'.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #327024 verified by the BLM Well Information System For CHEVRON U.S.A. INC., sent to the Hobbs</b>	
Name (Printed/Typed) DENISE PINKERTON	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 12/22/2015

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

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**Additional data for EC transaction #327024 that would not fit on the form**

**32. Additional remarks, continued**

09/15/2015: TIH W/PMP & RODS. RIG DOWN.

08/31/2015: ON 24 HR OPT. 185 OIL, 404 GAS, 31 WATER. GOR-2189.

\*\*\*\*attached: SUMMARY REPORTS, TBG SUMMARY, WELLBORE DIAGRAM

\*\*\*\*\*NOTE\*\*\*\*\*The well name has been changed from LANDSDALE D FEDERAL COM #1 to LANDSDALE D FEDERAL #1, dropping the COM due to recompletion in the WOLFCAMP. Also, is now an OIL well.





# Summary Report

HOBBS OCD

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 8/6/2015

Job End Date: 9/16/2015

Well Name LANDSDALE 'D' FEDERAL COM 001		Lease Landsdale 'D' Federal	Field Name Lusk North	DEC 30 2015	Business Unit Mid-Continent	
Ground Elevation (ft) 3,666.00	Original RKB (ft) 3,682.00	Current RKB Elevation 3,682.00, 4/23/2014			Mud Line Elevation (ft)	Water Depth (ft)

RECEIVED

Report Start Date: 8/6/2015

Com

CREW TRAVEL TO LOCATION FROM MARK 002H TO LANDSDALE COM FED #01

CREW LUNCH

JSA TGSM FOR RIG UP. POA. RIG MOVE CHECKLIST. COMMUNICATED EMERGENCY ACTION PLAN AND PROCEDURES. SWA-SWP-TENET #6 AND HAZARD WHEEL #6 REVIEWED. PROPER LIFTING/RIGGING FOR HEAVY EQUIPMENT WAS DISCUSSED.

MIRU KEY 307 WORKOVER RIG. SPOT TANKS, PITS, REV UNIT AND RACKS.

CHECK PRESSURE ON WELL "ZERO" / MONITOR FOR 15 MINUTES AND WELL REMAINED STATIC.

SHUT IN WELL / PU TOOLS AND EQUIPMENT, ISOLATE, SECURE AND SHUT IN WELL FOR THE NIGHT / PERFORMED LOCATION WALK AROUND PRIOR TO LEAVING FOR THE DAY.

CONDUCTED DRILLS WITH CREW. H2S, MAN DOWN, EVACUATION, BOP, HIGH ANGLE RESCUE, FIRE DRILLS. DEBRIEF WITH CREW ON RIG MOVE AND DISCUSSED POA FOR TOMORROW AND THE UPCOMING DAYS.

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

Report Start Date: 8/7/2015

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

CREW WAS HELD UP AT RIG YARD WAITING WHILE PUSHER LOOKING FOR RELIEF DERRICK MAN / RELIEF WAS FOUND COMING FROM KERMIT TEXAS SO CREW WAS DISPATCHED TO LOCATION WHILE RELIEF EMPLOYEE ARRIVING LATER THAT MORNING. ORIGINAL DERRICK MAN HAD A FAMILY EMERGENCY WHICH CAUSED HIM TO LEAVE TOWN WITH SHORT NOTICE.

CREW TRAVE TO LOCATION.

JSA TGSM FOR CHECKING PSI, NDWH-NUBOP, PRESSURED LINES, EXTREME HEAT ADVISORY, SWA, SWP, TENET AND HAZARD WHEEL #7, SUSPENDED LOADS, RESTRICTED AREAS AND JOB SCOPE FOR THE DAY REVIEWED / EMERGENCY ACTION PLAN SET IN PLACE AND APENDEX B FORM POSTED.

PERFORMED RIG WALK AROUND / SET COFO / CALIPER 2 7/8" TBG ELEVATORS / CHECKED PRESSURE ON WELL "STATIC"

NDWH (SURFACE TREE) / BOLTS WERE HARD TO BREAK SO THIS JOB PHASE TOOK US LONGER THEN EXPECTED.

\*\*PRODUCTION TREE WAS SENT TO WSI TO GET PRESSURE TESTED AND INSPECTED.

FUNCTION TEST CLASS II HYDRAULIC BOP WITH 2 7/8" PIPE RAMS (GOOD) / INSTALLED BOP OVER WELL AND SECURED.

PERFORM PRESSURE TEST ON BOP BLINDS SINCE 5 1/2" RBP IS SET INSIDE WELLBORE (PASSED- CHARTED)

RD WORK FLOOR, INSTALL TBG TONGS, PREP TBG SLIPS AND HUNG WORKING TOOLS IN DESIGNATED AREA.

PU 1- 2 7/8" L-80 6.5# WS TBG WITH 5 1/2" TENSION PACKER AND SET ~25 BELOW BOP / PRESSURE TESTED LOW 250psi AND HIGH 500 psi (PASSED- CHARTED) / RELEASE PACKER AND POOH.

CREW LUNCH

RIH WITH 4 3/4" RETRIEVING TOOL ON 2 7/8" L-80 WS TBG / TAGGED SAND WITH JT #135 @ 4,393' / PULLED UP TO NEUTRAL.

INSTALLED 7 1/16" TBG STRIPPER WITH STRIPPER RUBBER MADE FOR 2 7/8" WS TBG / INSTALLED TBG SWIVEL AND REVERSE UNIT HOSE TO WASH OUT SAND WHILE WORKING TBG DOWN OVER 5 1/2" RBP (TAGGED RBP @ 4,403'

DISPLACE PACKER FLUID FROM WELL WITH 8.4# FRESH WATER.

LATCHED ON AND APPLIED 500 psi POSITIVE PRESSURE WHILE RELEASING 5 1/2" RBP FROM 4,403' / RAN DOWN PASSED RBP SETTING DEPTH TO ENSURE IT WAS RELEASED / PRESSURE BLED DOWN TO 50 psi / REMAINING PRESSURE WAS BLED OFF AND WELL REMAINED STATIC.

POOH WITH 5 1/2" RBP ON 2 7/8" WS TBG FROM 4,403' LEAVING RBP SWINGING @ 2,438' OVER NIGHT.

PU TOOLS AND EQUIPMENT, ISOLATE, SECURE AND SHUT IN WELL FOR THE NIGHT.

DEBRIEF WITH ALL ABOUT THE IMPORTANCE OF STAYING HYDRATED AND COOLING DOWN. THANKED EVERYONE FOR WORKING SAFE AND ACHIEVING ANOTHER IFO DAY.

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

Report Start Date: 8/8/2015

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

CREW TRAVE TO LOCATION.

JSA TGSM FOR CHECKING PSI, TRIPPING PIPE, WIRELINE, PRESSURE TESTING CASING, EXTREME HEAT ADVISORY, SWA, SWP, TENET AND HAZARD WHEEL #8, SUSPENDED LOADS, RESTRICTED AREAS AND JOB SCOPE FOR THE DAY

PERFORMED RIG WALK AROUND / SET COFO / CALIPER 2 7/8" TBG ELEVATORS / CHECKED PRESSURE ON WELL: 30 PSI

POOH WITH 74 JOINTS OF 2-7/8" WS. L/D RBP

PJSM WITH ROTARY WIRELINE. DISCUSSED HAZARDS, JOB SCOPE, SWA, AND GOOD COMMUNICATION

MIRU ROTARY WIRELINE. SPOT IN TRUCKS, WINCHES, AND EQUIPMENT

R/U LUBRICATOR. TEST LUBRICATOR TO 250 LOW/ 1000 HIGH: GOOD TEST.

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# Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 8/6/2015

Job End Date: 9/16/2015

Well Name LANDSDALE 'D' FEDERAL COM 001	Lease Landsdale 'D' Federal	Field Name Lusk North	Business Unit Mid-Continent
Ground Elevation (ft) 3,666.00	Original RKB (ft) 3,682.00	Current RKB Elevation 3,682.00, 4/23/2014	Mud Line Elevation (ft) Water Depth (ft)

Com

RIH WITH 4.3" GAUGE RING TO 4700'. POOH

BHA:

4.3" GAUGE RING

(1) 5', 3-1/2" BASKET

(1) 1-1/2', 3-1/8" CCL

(1) 1', 1-7/16" ROPE SOCKET

REMOVE LUBRICATOR, INSTALL 4.24" CBP

INSTALL LUBRICATOR AND TEST: 250/1000 PSI-GOOD TEST

RIH WITH 4.24" COMPOSITE BRIDGE PLUG AND SET @ 4610' (WIRELINER DEPTH). PULLED OFF AND WENT BACK DOWN TO VERIFY PLUG WAS SET. (COLLARS WERE LOCATED @ 4601' & 4641'). POOH

BHA:

(1) 4.24" CBP

(1) 3-1/2" SETTING TOOL

(1) 3-1/8" CCL

(1) 1-7/16" ROPE SOCKET

R/D LUBRICATOR AND ROTARY WIRELINE.

P/U 5-1/2" PACKER AND RIH ON 141 JOINTS OF 2-7/8" L-80 WORKSTRING.

(HOLE WAS FULL SO WERE DISPLACING WATER FROM WELL INTO ENVIROPAN

TAGGED TOP CBP @ 4600'. L/D 1 JOINT AND SET PACKER @ 4568'

R/U LINES TO TEST. TEST CBP TO 2000 PSI FOR 15 MIN-GOOD TEST.

RELEASE PACKER AND L/D 4 JOINTS OF TUBING

SET PACKER @ 4439'. TEST PACKER TO 500 PSI ON BACKSIDE FOR 5 MIN-GOOD TEST.

BEGIN INJECTION TEST:

PUMPED @ 2.5 BPM, PRESSURE WAS 700 PSI

AFTER 10 BBLs PRESSURE CLIMBED TO 1500 PSI.

PUMPED @ 1.75 BPM @ 1500 PSI. PUMPED 10 BBLs.

TOTAL BBLs PUMPED=20

AFTER SHUTTING DOWN PUMPS PRESSURE HELD AT 800 PSI BEFORE BLEEDING OFF

NOTE: OBSERVED SMALL LEAK COMING FROM ONE OF THE CASING VALVES, COULD NOT VERIFY WHAT SECTION IT WAS FROM. BLED OFF CASING AND STILL HAD LEAK, BLED OFF TUBING AND LEAK STOPPED.

CREW LUNCH

RELEASE PACKER. POOH WITH 70 JOINTS. LEFT 70 JOINTS IN HOLE AS A KLL STRING.

EOT:2291'

PU TOOLS AND EQUIPMENT, ISOLATE, SECURE AND SHUT IN WELL FOR THE NIGHT.

DEBRIEF WITH ALL ABOUT THE IMPORTANCE OF STAYING HYDRATED AND COOLING DOWN. THANKED EVERYONE FOR WORKING SAFE AND ACHIEVING ANOTHER IFO DAY.

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

Report Start Date: 8/9/2015

Com

CREW DAY OFF. NO OPERATIONS AT WELLSITE

Report Start Date: 8/10/2015

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

CREW TRAVE TO LOCATION.

JSA TGSM FOR CHECKING PSI, TRIPPING PIPE, PRESSURE TESTING, CEMENTING, EXTREME HEAT ADVISORY, SWA, SWP, TENET AND HAZARD WHEEL #10, SUSPENDED LOADS, RESTRICTED AREAS AND JOB SCOPE FOR THE DAY

PERFORMED RIG WALK AROUND / SET COFO / CALIPER 2 7/8" TBG ELEVATORS / CHECKED PRESSURE ON WELL: 30 PSI

POOH WITH 84 JOINTS OF 2-7/8" WS. L/D 5-1/2" PACKER

P/U CEMENT RETAINER AND RIH ON 136 JOINTS OF 2-7/8" L-80 WS.

(MIRU HALLIBURTON TRUCKS AND EQUIPMENT WHILE TRIPPING PIPE)

FINISH R/U HALLIBURTON, AND PATE TRUCKING. PJSM WITH HALLIBURTON, KEY, SLB, PATE TRUCKING





# Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 8/6/2015

Job End Date: 9/16/2015

Well Name LANDSDALE 'D' FEDERAL COM 001		Lease Landsdale 'D' Federal	Field Name Lusk North	Business Unit Mid-Continent	
Ground Elevation (ft) 3,666.00	Original RKB (ft) 3,682.00	Current RKB Elevation 3,682.00, 4/23/2014		Mud Line Elevation (ft)	Water Depth (ft)

Com

PRESSURE TEST LINES TO 3500 PSI. CIRCULATE 5 BBLs THREW RETAINER. SET RETAINER @ 4435'

PRESSURED UP BACKSIDE TO 500 PSI

PUMPED 11 BBLs TO GET RATE OF 1.8 @ 1340 PSI. PUMPED 200 SACKS (47.4 BBLs) OF 14.8 PPG.

DISPLACE: PUMPED 15 BBLs AND S/D FOR 15 MIN @ 837 PSI, CLEAN LINES.

PUMPED 3 BBLs, S/D FOR 20 MIN @ 819 PSI

PUMPED 2 BBLs, S/D FOR 15 MIN @ 901 PSI

PUMPED 3 BBLs, S/D FOR 15 MIN @ 958 PSI

PUMPED 1 BBL, S/D FOR 15 MIN @ 994 PSI

PUMPED 1 BBL, S/D FOR 15 MIN @ 1054 PSI

REVERSE OUT 50 BBLs OF FRESH WATER, GOT BACK 1/2 BBL/2 SACKS OF CEMENT TO PIT

R/D HALLIBURTON LINES, EQUIPMENT AND LINES

POOH WITH 136 JOINTS OF 2-7/8" L-80 WS.

DEBRIEF WITH ALL ABOUT THE IMPORTANCE OF STAYING HYDRATED AND COOLING DOWN. THANKED EVERYONE FOR WORKING SAFE AND ACHIEVING ANOTHER IFO DAY.

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

Report Start Date: 8/11/2015

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

CREW TRAVE TO LOCATION.

JSA TGSM FOR CHECKING PSI, TRIPPING PIPE, PRESSURE TESTING, DRILLING, R/U POWER SWIVEL, EXTREME HEAT ADVISORY, HIGH WINDS, SWA, SWP, TENET AND HAZARD WHEEL #1, AND JOB SCOPE FOR THE DAY

PERFORMED RIG WALK AROUND / SET COFO / CALIPER 2 7/8" TBG ELEVATORS / CHECKED PRESSURE ON WELL: 0

P/U BHA AND RIH:

(1) .34', 4-3/4" MILL TOOTH BIT

(1) 1.99', 3-3/4" BIT SUB XO

(6) 182.14' 3-1/2" DCs

(1) .90', 3-5/8" XO

TOTAL BHA LENGTH: 185.36'

RIH WITH 130 JOINTS OF 2-7/8" L-80 WS.

R/U POWER SWIVEL, CONNECT ALL LINES. RAISE FLOOR, INSTALL STRIPPER HEAD.

P/U 1 JOINT RIH AND TAG TOP OF CEMENT @ 4428' (~7' OF CEMENT ON TOP OF RETAINER). ESTABLISH CIRCULATION AND DRILL OUT CEMENT AND RETAINER. FINISHED DRILLING OUT RETAINER @ 5:00 PM, STARTED GETTING MAINLY HARD CEMENT BACK IN RETURNS. DRILLED OUT 5 FT OF CEMENT

RPM- 55-90

BPM- 2-3

WOB- 4-8K

(ADJUSTED PARAMETERS TO SEE IF WE COULD GET A BETTER ROP. GOT BETTER ROP WITH MORE WEIGHT AND SLOWER RPMs.)

P/U OFF BOTTOM AND CIRCULATE HOLE CLEAN. 1 BOTTOMS UP. EOT-4403'

DEBRIEF WITH CREW. THANKED EVERYONE FOR WORKING SAFE, AND ACHIEVING ANOTHER IFO DAY.

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

Report Start Date: 8/12/2015

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

CREW TRAVE TO LOCATION.

JSA TGSM FOR TRIPPING PIPE, PRESSURE TESTING, DRILLING, POWER SWIVEL, EXTREME HEAT ADVISORY, HIGH WINDS, SWA, SWP, TENET AND HAZARD WHEEL #1, AND JOB SCOPE FOR THE DAY

PERFORMED RIG WALK AROUND / SET COFO / CALIPER 2 7/8" TBG ELEVATORS / CHECKED PRESSURE ON WELL: 0

ESTABLISH CIRCULATION. TAG CEMENT @ 4440' AND CONTINUE TO DRILL OUT CEMENT. FELL OUT OF CEMENT @ 4522'. P/U 1 JOINT RIH. EOT-4553'

(CEMENT WAS GREEN/SOFT WHEN DRILLING OUT)

CIRCULATED 1 BOTTOMS UP. ~95 BBLs

PERFORMED CASING TEST (WELL WAS FULL AND FLOWING BACK SLIGHTLY).

PUMPED AT .5 BPM NO CHANGE IN PRESSURE AFTER 2 BBLs. INCREASE PUMP RATE TO 1.5 BPM, AFTER 4 BBLs PUMPED PRESSURE STARTED CLIMBING. PUMPED TOTAL OF 5 BBLs AND PRESSURE WAS AT 700 PSI. S/D AND BLEED OFF ~5 BBLs. (SHUT IN DURING THIS TIME AND HAD ABOUT 160 PSI ON WELL)

RETRY CASING TEST: PUMPED TOTAL 5 BBLs @ 1.5 BPM AND PRESSURE WAS 350-400 PSI





# Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 8/6/2015

Job End Date: 9/16/2015

Well Name LANDSDALE 'D' FEDERAL COM 001		Lease Landsdale 'D' Federal	Field Name Lusk North	Business Unit Mid-Continent	
Ground Elevation (ft) 3,666.00	Original RKB (ft) 3,682.00	Current RKB Elevation 3,682.00, 4/23/2014		Mud Line Elevation (ft)	Water Depth (ft)

Com

R/D POWER SWIVEL, LINES AND EQUIPMENT. CONSULTED WITH OFFICE ON PLAN FORWARD.

R/U LINES AND CIRCULATE AND CONDITION HOLE. PUMPED TOTAL OF 95 BBLS OF FW @ 3.5 BPM. S/D AND FLOWED BACK 5-6 BBLS BEFORE WELL WAS STATIC.

## CASING TEST:

STARTED PUMPING @ .5 BPM, PUMPED 2 BBLS, 0 PSI

INCREASED TO 1.0 BPM, PUMPED 3 BBLS PRESSURE=200 PSI, STAYED AT 1 BPM, PUMPED 2 BBLS PRESSURE=250 PSI, AFTER 2 BBLS PRESSURE=300 PSI, AFTER 1 BBL PRESSURE=500 PSI.

PUMPED TOTAL OF 10 BBLS

SD/SI. PRESSURE HELD @ 450 PSI FOR 10 MIN

PERFORMED INJECTION TEST. SLOWLY BROUGHT PUMPS UP.

AT 1 BPM, PUMPED 5 BBLS PRESSURE=300 PSI

AT 1.5 BPM, PUMPED 5 BBLS- PRESSURE=400 PSI

AT 1.5 BPM, PUMPED 5 BBLS AND PRESSURE JUMP TO 1000 PSI. S/D AND SI WELL. PRESSURE HELD AT 1000 FOR 5 MIN.

PUMPED TOTAL OF 15 BBLS

POOH WITH 60 JOINTS OF WS. LEFT BIT AT ~2600'

DEBRIEF WITH CREW. DISCUSSED POA FOR TOMORROW.

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

Report Start Date: 8/13/2015

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

CREW TRAVE TO LOCATION.

JSA TGSM FOR TRIPPING PIPE, DRILLING, POWER SWIVEL, EXTREME HEAT ADVISORY, SWA, SWP, TENET AND HAZARD WHEEL #3, AND JOB SCOPE FOR THE DAY

PERFORMED RIG WALK AROUND / SET COFO / CALIPER 2 7/8" TBG ELEVATORS / CHECKED PRESSURE ON WELL: 0

RIH WITH 61 JOINTS OF WS TO 4553'.

R/U POWER SWIVEL, INSTALL STRIPPER HEAD, RAISE RIG FLOOR, CONNECT LINES AND EQUIPMENT

P/U 1 JOINT AND TAG CBP @ 4600'. ESTABLISH CIRCULATION AND DRILL OUT CBP. AFTER CBP DRILLED OUT, P/U 1 JOINT AND RIH AND VERIFIED THAT NOTHING WAS BELOW.

CIRCULATE HOLE CLEAN.

R/D POWER SWIVEL. DISCONNECT LINES/HOSES. REMOVE STRIPPER HEAD, LOWER RIG FLOOR

P/U 133 JOINTS OF 2-7/8" TUBING AND RIH TO ~8825'.

CREW LUNCH

TALLY AND P/U 2-7/8" L-80 TUBING AND RIH AND TAG TOP OF PACKER @ 12506' WITH JOINT 381. L/D 1 JOINT

R/U LINES AND CIRCULATE 275 BBLS OF FW. SWFN. EOT=12475'

DEBRIEF WITH CREW. DISCUSSED POA FOR TOMORROW.

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

Report Start Date: 8/14/2015

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

CREW TRAVE TO LOCATION.

JSA TGSM FOR TRIPPING PIPE, WORKING AT HEIGHTS, EXTREME HEAT ADVISORY, SWA, SWP, TENET AND HAZARD WHEEL #4, AND JOB SCOPE FOR THE DAY

PERFORMED RIG WALK AROUND / SET COFO / CALIPER 2 7/8" TBG ELEVATORS / CHECKED PRESSURE ON WELL: 0

POOH WITH 380 JOINTS OF 2-7/8" WS AND STAND BACK.

L/D XO, (6) 3-1/2" DCs, BIT SUB, AND 4-3/4" MILL TOOTH BIT. (~185' OF BHA)

CREW LUNCH

P/U PERFORATED SUB, AND RIH WITH 385 JOINTS OF L-80 TUBING TO 12,478'. P/U 18' OF SUBS. EOT= 12496'

MIRU HALLIBURTON CEMENTERS. SPOT IN TRUCKS, HOOK UP LINES AND EQUIPMENT.

PJSM WITH HALLIBURTON, KEY, SLB, AND PATE. DISCUSSED JOB SCOPE, HAZARDS, GOOD COMMUNICATION, PRESSURE.

FILL LINES, AND PRESSURE TEST LINES TO 6500 PSI-GOOD TEST.

PUMP 20 BBL SPACER @ 2.5 BPM, @ 480 PSI

PUMP 10.5 BBLS (55 SACKS) OF 16.4 PPG CEMENT @ 1.9 BPM. SHUT DOWN AND CLEAN LINES.

PUMP 20 BBL SPACER @ 3 BPM @ 190 PSI AND DISPLACE WITH 49 BBLS.

MONITORED BACKSIDE WHILE PUMPING AND ADJUSTED PRESSURE TO HELP KEEP CEMENT FROM COMING UP ANNULUS

POOH WITH 41 JOINTS TO 11225'.





# Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 8/6/2015

Job End Date: 9/16/2015

Well Name LANDSDALE 'D' FEDERAL COM 001		Lease Landsdale 'D' Federal	Field Name Lusk North	Business Unit Mid-Continent	
Ground Elevation (ft) 3,666.00	Original RKB (ft) 3,682.00	Current RKB Elevation 3,682.00, 4/23/2014		Mud Line Elevation (ft)	Water Depth (ft)

Com

R/U LINES TO REVERSE CIRCULATE. CIRCULATED A TOTAL OF 115 BBLS @ 4 BPM @ 440 PSI

(DID SEE SOME CEMENT IN RETURNS AFTER 65 BBLS WAS PUMPED SO CONTINUED TO PUMPED UNTIL RETURNS WERE CLEAN)

RDMO HALLIBURTON CEMENTERS.

DEBRIEF WITH CREW. THANKED THEM FOR STAYING OUT AND WORKING LATE. DISCUSSED POA FOR MONDAY

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

**Report Start Date:** 8/15/2015

Com

CREW SCHEDULED DAY OFF, NO OPERATIONS AT WELLSITE

**Report Start Date:** 8/16/2015

Com

CREW SCHEDULED DAY OFF, NO OPERATIONS AT WELLSITE

**Report Start Date:** 8/17/2015

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

CREW TRAVE TO LOCATION.

JSA TGSM FOR TRIPPING PIPE, WORKING AT HEIGHTS, PRESSURE TEST, SWA, SWP, TENET AND HAZARD WHEEL #7, AND JOB SCOPE FOR THE DAY

PERFORMED RIG WALK AROUND / SET COFO / CALIPER 2 7/8" TBG ELEVATORS / CHECKED PRESSURE ON WELL: SLIGHT PRESSURE ON CASING

TIH AND TAG TOP OF CEMENT @ 12,137' (WHICH GAVE US 369' OF CEMENT ON TOP OF PACKER, BLM WAS OUT HERE TO WITNESS TAGGING)

POOH AND L/D 61 JOINTS OF TUBING.

POOH AND STAND BACK 314 JOINTS OF 2-7/8" TUBING.

P/U 5-1/2" PACKER AND RIH WITH 150 JOINTS OF 2-7/8" TUBING.

CREW LUNCH

CONTINUE TO RIH WITH 172 JOINTS AND SET PACKER @ 10,435' (TOTAL OF 322 JOINTS)

R/U LINES AND PERFORMED CHARTED CASING TEST. FILLED UP BACKSIDE, PRESSURED UP TO 2700 PSI AND HELD FOR 30 MIN- GOOD TEST. BLED OFF PRESSURE.

RELEASE PACKER AND POOH AND L/D 28 JOINTS OF WORK STRING. LEAVING 294 JOINTS IN THE HOLE, EOT= 9261'. SWFN

DEBRIEF WITH CREW. DISCUSSED POA FOR TOMORROW

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

**Report Start Date:** 8/18/2015

Com

No ops @ well

Crew Travel

Safety Meeting

TOH laying down 2 7/8" L-80 WS

Change pipe rams, tong and slip dies, move out 2 7/8" tubing, Set in 329 jts 3 1/2 L-80 tubing & tally.

Lunch

Wait on Haliburton Wireline due to scope change(Didn't know we needed a gamma ray to correlate to unitil today)

RU HAL WL unit

SI & Secure well, SDFN

Crew Travel

No ops @ well

**Report Start Date:** 8/19/2015

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

CREW TRAVEL FROM RIG YARD TO LOCATION.

JSA TGSM FOR RU-RD HALLIBURTON / EXPLOSIVES ON LOCATION / RESTRICTED AREAS / SUSPENDED LOADS AND EXCLUSION ZONES ESTABLISHED / SWA-SWP-TENET #9 AND HAZARD WHEEL #9 REVIEWED / JOB SCOPE DISCUSSED AND REVIEWED FOR TODAY'S OPERATIONS.

PERFORMED WALK AROUND LOCATION BEFORE INITIATING WORK / FUNCTION TESTED BOP MANIFOLD / CALIPER 3 1/2" TBG ELEVATORS / CHECK PRESSURE ON WELL "ZERO"

SPOTTED IN HALLIBURTON EQUIPMENT / RU WIRELINE EQUIPMENT OVER WELL, HOISTED LINE & SHEAVE THROUGH TRAVEL BLOCKS FOR CLEARANCE ON LUBRICATOR.





# Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 8/6/2015

Job End Date: 9/16/2015

Well Name LANDSDALE 'D' FEDERAL COM 001		Lease Landsdale 'D' Federal	Field Name Lusk North	Business Unit Mid-Continent	
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Com

RIH FROM SURFACE TO 11,000' TVD WITH 4.63" x 5.10" JUNK BASKET-GAGE RING / 3.375" x 6.95" GAMMA ON 9/32" E-LINE CABLE / NO RESTRICTIONS OR DRAG IDENTIFIED.

POOH FROM 11,000' TO SURFACE WITH SAME E-LINE BHA / NO RESTRICTIONS NO DRAG.

AFTER POOH WITH JUNK BASKET AND ATTEMPTING TO MAKE UP THE 5 1/2" CIBP HALLIBURTON SUPERVISOR NOTICED HE HAD THE WRONG ADAPTOR / THIS ADAPTOR CONNECTS THE 5 1/2" CIBP TO THE CCL IN ORDER TO BE RAN IN THE HOLE / CIBP CALLS FOR 2" REGULAR THREADS AND HALLIBURTON BROUGHT OUT 1 1/2" / WAITED FOR CORRECT EQUIPMENT TO ARRIVE.

Wrong Crossover was brought the first time. Wireline operator had to meet hotshot in Eunice with right connection. Got parts to location and still didnt have the right one.

SI & Secure well, SDFN

Crew Travel

No ops @ well

Report Start Date: 8/20/2015

Com

No ops @ well

Crew Travel

Safety Meeting

RU Wireline & make up setting tool to CIBP

Test Lubricator 300/1000 Good, RIH w/ CIBP, correlate w/ Gamma, set plug @ 10925 due to casing collar @ 10932. PU & Tag CIBP(Good), POOH & LD setting tool.

Dump bail 4 sxs cmt in 2 runs from 10925-10890.

Test and PU Guns

RIH w/ 3 3/8 Slick gun w/ 4 SPF & 90 deg phasing. Correlate & perforate @ 10585-10610. Well stayed static, but showed good indication that guns went off.

POOH & LD Guns, All 100 shots fired.

*Perf 10,585-10,610*

RD Halliburton Wireline

PU Peak 5 k Tension pkr & RIH w/ 1 jt, Test 3 1/2 pipe rams to 350/1050(Good), Release pkr & LD

RU Hydrostatic Testers

Start TIH w/ AS1-X Peak 10K Frac packer w/ 2.25 F Frac hardened SN, 3 1/8"X 2.441" Blast jt, on 3 1/2 L-80 WS hydrotesting 8000 psi.

RD Hydrostatic tester

SI & Secure well, SDFN

Crew Travel

No ops @ well

Report Start Date: 8/21/2015

Com

No ops @ well

Crew Travel

Safety Meeting

Cont TIH w/ 38 more jts 3 1/2 L-80 WS hydrotesting to 8000 psi, Tagged 3 different time w/ up to 15 pts but we were able to work through it. Attempt to PU after tagging the third time and pulled 20 over. Came back down and ran 1 more jt

Circulate 60 bbls clean FW @ 2 BPM @ 200 psi reverse. Saw no trash in retruns.

Cont TIH hydrotesting to 8000 psi. And tagged again after 2 jts. Decision made to TOH & look @ packer

RD Hydrotester

RU Gerinimo & TOH w/ 92 jts 3 1/2 WS & frac packer. We only dragged 1 time on the way out.

We were able to pull 8-10 slivers of metal that were stuck in the packer. slivers were 1/8" wide and 1.5" long and almost identical. There were more metal slivers stuck along the mandrel seal area orings and in the j-slot.

Lunch

TIH open ended w/ 3 1/2 collar on bottom w/ 92 jts and did not tag anything

Circulate 65 bbls Clean FW @ 3.75 BPM @ 500 psi conventional and got back a few more of the same metal slivers.

TOH w/ 3 1/2 & collar w/ no drag

Start TIH w/ AS1-X Peak 10K Frac packer w/ 2.25 F Frac hardened SN, 3 1/8"X 2.441" Blast jt, on 91 jts 3 1/2 L-80 WS hydrotesting 8000 psi.

SI & Secure well, SDFN

Crew Travel

No ops @ well

Report Start Date: 8/22/2015





# Summary Report

Major Rig Work Over (MRWO)  
Casing Repair  
Job Start Date: 8/6/2015  
Job End Date: 9/16/2015

Well Name LANDSDALE 'D' FEDERAL COM 001		Lease Landsdale 'D' Federal	Field Name Lusk North	Business Unit Mid-Continent	
Ground Elevation (ft) 3,666.00	Original RKB (ft) 3,682.00	Current RKB Elevation 3,682.00, 4/23/2014		Mud Line Elevation (ft)	Water Depth (ft)

Com

No ops @ well

Crew Travel

Safety Meeting

Cont TIH w/ AS1-X Peak 10K Frac packer w/ 2.25 F Frac hardened SN, 3 1/8"X 2.441" Blast jt, on 91 jts 3 1/2 L-80 WS hydrotesting 8000 psi.

LD 1 jt due to galled threads.

Lunch

Cont TIH w/ 3 1/2 L-80 WS hydrotesting to 8000 psi.

Tie back and RD Tongs

PU Frac Stack and Test top joint of 3 1/2, frac stack(XO, Adapter spool, 2 frac valves) to 8000 psi(Good)

Set pkr @ 10447 w/ 21 pts compression(325 jts)

NU Frac Tree and Goat Head

Test Goathead against top frac valve to 8000 psi(Good)

Test Backside:

Pump 10 bbls FW @ 1 BPM @ 500 psi and climbing, Shut down pump and fell to 250 psi and slowly falling. Test was performed with tubing open and showed no communication around packer(Tubing was full)

RD Key 307 & Reverse unit

SI & Secure well, SDFN

Crew Travel

No ops @ well

Report Start Date: 8/23/2015

Com

No ops @ well

RD Envirovac & Accumulator, Move out pipe racks, reverse unit and tanks. Set 6 frac tanks and mountain mover. Halliburton Dumped Biocide in all tanks.

No ops @ well

Report Start Date: 8/24/2015

Com

No ops @ well

Crew travel

Safety Meeting

Finish RD Key 307.

\*\*\*SWA- Forklift Ent Winch truck cable was starting to fray. Mecanic called out to cut and replace in field.

Load reverse unit, and tanks and haul to Mark 2H

Continue filling frac tanks

RU Chemical service Pump truck, Pump 8.3 BBLS FW & pressure up to 1000 psi. SI for 30 mins and Monitor Pressure. Pressure fell to 600 psi in 30 mins

RD Pump truck and continue filling frac tanks.

Filling frac tanks

Report Start Date: 8/25/2015

Com

No operations @ well.

Spotted in equipment and rigged up frac equipment. Inspected all equipment and ensured all restraints were properly installed.

Discussed days operations of fracing. Talked about keeping good communication with all frac crew members and other contractors. All personal gave input and were discussed and written in detail. Talked over heat conditions and to keey hydrating through day. Discussed in detail on taking breaks and to communicate to me as far as to rig down in heat or next morning.





# Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 8/6/2015

Job End Date: 9/16/2015

Well Name LANDSDALE 'D' FEDERAL COM 001		Lease Landsdale 'D' Federal	Field Name Lusk North	Business Unit Mid-Continent	
Ground Elevation (ft) 3,666.00	Original RKB (ft) 3,682.00	Current RKB Elevation 3,682.00, 4/23/2014		Mud Line Elevation (ft)	Water Depth (ft)

Com

Test lines to 8,000 psi

Stg 1 frac ("Wolfcamp", top perf 10,585' – btm perf 10,610')

Shut-in Wellhead PSI = 0 psi

1. Breakdown: 4419 psi, 5 bpm, 22.67 bbl
2. Acid 10% HCL Acid: 47.62 bbls, 47 bpm, 7271 psi
3. Spacer SWt: 123.43 bbls, 26.9 bpm, 7494 psi,
4. Pad SW 665 bbls, 33.7 bpm, 7901 psi
5. 151 bbls, 30.2 bpm, 7529 psi, .5# (20/40 Delta Frac 200), Expedite Sand
6. 293 bbls, 30.5 bpm, 7563 psi, 1# (20/40 Delta Frac 200), Expedite Sand
7. 437.01 bbls, 29.1 bpm, 8071 psi, 2# (20/40 Delta Frac 200), Expedite Sand.
8. 3 bbls, 17.9 bpm, 8133 psi, 2.5# (20/40 Delta Frac 200), Expedite Sand (SCREENED OUT)

NOTE: At this point in stage 8, pressure rose immediately and rate was dropped to save screen out. This helped a little, but pressure kept rising and within a minute or two, nothing could be done. Expedite sand was too heavy and thick. Screened out. Well was secured.

(Pressured up to 1000 psi and pressure dropped down to 650 psi within seconds. Decision was made not to keep pressuring up.

Shut in well.

Max WHTP: 8206 psi, Avg WHTP: 7492 psi

Max Rate: 34 bpm, Job Rate: 40 bpm

20/40 Delta Frac 200: 61,710 lbs

Crew had to wash out lines full of sand to half frac. Rigged down frac crew. Debriefed with crew over days operations.

No operations @ well.

Report Start Date: 8/26/2015

Com

Well SI. No activity

Crew travel to location.

TGSM JSA review with crews. Discussed RU and pressure while cleaning out.

Good communication with all crews.

Rig up Cudd CTU.

Wait for on word from tech team on what bit size to run.

Function test and Pressure test BOP. 500 low test for 5 min and 8000 high test for 5 min.

SITP 1750#. Trip in hole with 1.75' coil tubing and clean out BHA (2.38" Carbide mill, Bit motor, Dual circ sub, Hydraulic disconnect, Dual back pressure valve, Weld-on type connector.) while circulating 2bpm.

Clean out with coil from surface to 4000'. Short tripping every 500'. A sweep with EZ mud was pumped every 2000'. Sand was seen in returns from surface down to 4000'. No hard tag was seen.

At 4000', Circulated 2X capacity with 2 sweeps.

Trip out of hole while circulating at 1.75 bpm. Secure well. Debrief crew.

Crew travel off location.

Well SI. No activity.

Report Start Date: 8/27/2015

Com

Well SI. No activity.

Crew travel to location

TGSM and JSA with all crews. Talked about the hazard Chemical.

360 Myspace.





# Summary Report

Major Rig Work Over (MRWO)  
Casing Repair  
Job Start Date: 8/6/2015  
Job End Date: 9/16/2015

Well Name LANDSDALE 'D' FEDERAL COM 001		Lease Landsdale 'D' Federal	Field Name Lusk North	Business Unit Mid-Continent	
Ground Elevation (ft) 3,666.00	Original RKB (ft) 3,682.00	Current RKB Elevation 3,682.00, 4/23/2014		Mud Line Elevation (ft)	Water Depth (ft)

Com

SITP 2500#. Trip in hole with 1.75" coil tubing and clean out BHA back down to 4000' while circulating at 2bpm rate. Started to get sand and oil in returns at 4000' down to 10,000' while stopping every 500' to short trip and pump a EZ mud sweep at 6000', 8000' and 10,000'. Maintained a 1,75 to 2bpm rate on coil with 2-2.5bpm rate on return.

Cleaned up returns at 10,000' before proceeding down hole.

Cleaned out from 10,000' down to 10450' where packer profile was tagged. (3' off from tubing tally)

Recovered a total of 30 bbls of oil. Oil was deposited to the bulk crude tank on location. FMT FS was notified.

Circulate 190 bbls with 2 EZ Mud sweeps to clean up returns.

Trip out of hole with coil tubing while puming at 2bpm rate.

Un-Flange and lay down BHA. Flange up and purge coil with nitrogen. Rig down and release Cudd CTU. Set up to flow back tomorrow.

Crew travel off location.

Well SI. No activity.

Report Start Date: 8/28/2015

Com

Well SI. No activity

Crew travel to location.

Talk with crew about moving equipment on location and using spotters. Heavy lifting and line of fire while making up iron. Using good comunication.

SITP 2250# First thing this morning.

Pull water off of frac tanks to be moved on location to make room for flare stack. Moved in flow back equipment and rig up. Pressure test all lines.

SITP 2300#.

Open up well to gas buster tank to bleed off gas. well flowed gas and intermitted fluid. Flow rate was 20bph rate and 2300#-750#.

Gas head bled off while flowing 20bho rate at 750#.

Continue to monitor flow rate and returns. Next report from crew at 12:00 PM and will be on tomorrows report.

Report Start Date: 8/29/2015

Com

Continue flowing well down

0000

720 psi/25/64 /1259MCFPD rate/22BPH oil / 3BPH wtr

0500(Right before valve failed)

300 psi/ 31/64 /671 MCFPD rate/19BPH oil

Wait on parts to fix pneumatic ESD valve

SITP after 2.5 hrs 800 psi

Open well & Continue flowback

1100

580 psi/ 22/64 /668MCFPD rate/18BPH oil/1BPH wtr

1800

220 psi/ 31/64 /680 MCFPD rate/19BPH oil/ 2 BPHwtr

Midnight

180psi 32/64 670MCFPD rate / 13 BPH oil / 1BPH wtr

MCF sold yesterday:2MCF

MCF Sold today: 115 mcf

MCF Flared yesterday: 965MCF

Total oil Recovered:335 bbls

Total wtr recovered:152

@ 1130hrs BS&W 1%, PH 7.5, chloride 42,000, H2O 8.5ppg, H2S 0ppm, CO2 4.5%, API 41.6 60°F

Seeing little to no sand

Gas rate through sales line was ~150MCFPD all day. DCP will change orifice plate in meter run tomorrow.

TWLTR @ Midnight = 1503 bbls wtr

Report Start Date: 8/30/2015





# Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 8/6/2015

Job End Date: 9/16/2015

Well Name LANDSDALE 'D' FEDERAL COM 001		Lease Landsdale 'D' Federal	Field Name Lusk North	Business Unit Mid-Continent	
Ground Elevation (ft) 3,666.00	Original RKB (ft) 3,682.00	Current RKB Elevation 3,682.00, 4/23/2014		Mud Line Elevation (ft)	Water Depth (ft)

Com

Flowing well

00:00 hrs - 16 hrs flowing well on a 32/64 choke flowing well.  
End choke size 33/64

Beginning psi 180psi  
1800 psi: 160  
Ending psi: 150 psi  
Last BWPH 1 BPH  
Last BOPH 6 BPH  
Gas rate to flare 0 Mcf  
Gas rate to sales 530 MCF(580MCFPD Total rate coming from well)  
Gas vol sold today 403 MCF  
Water Recovered Today 39 bbls  
Oil Recovered today 234 bbls

Total wtr recovered 219 bbls  
TLLTR 1464 bbls

Continue flowback operations w/ 24 hr supervision

Chloride 42,000, H2O 8.5ppg  
H2S 0ppm, CO2 4.5%, API 41.6@60°F  
BSW 1% water, 99% oil

Orifice plate in sales meter changed to 1 3/8" by DCP  
525 bbls oil sold today to Plains. 0.15%BS&W

Report Start Date: 8/31/2015

Com

Flowing well

00:00 hrs - 8.5 hrs flowing well on a 33/64 choke flowing well, 5 hrs on 34/64

Beginning psi 155psi  
Ending psi: 50 psi  
Last BWPH 2 BPH  
Last BOPH 3 BPH  
Gas rate to flare 0 Mcf(Pressure low enough to sell all gas today)  
Gas rate to sales 300-450 MCF  
Gas vol sold Yesterday 403 MCF  
Gas to flare yesterday: 142 MCF

Water Recovered Today 22 bbls  
Oil Recovered today 109 bbls

Total wtr recovered 241 bbls  
TLLTR 1442 bbls  
Total oil recovered: 718 bbls

1130hrs Chloride 56,000, BS&W 2%, PH 8, H2O 8.65ppg, API 42.2, H2S 0ppm, CO2 4.5%

RD Halliburton Flowback, Empty tanks, Move out frac tanks and half frac

No ops @ well

Report Start Date: 9/1/2015

Com

NO ACTIVITY AT WELLSITE

CREW TRAVEL TO LOCATION

TGSM W/ RIG CREW, SLB REVERSE UNIT OPER., FORKLIFT ENT., AND D & L METERS.

3 ANCHORS HAD BEEN RUN OVER FROM PREVIOUS OPERATIONS, I CALLED OUT HOBBS ANCHOR TO RETEST THE ANCHORS. ALL ANCHORS PASSED THE PULL TEST, BUT THE CREW COULD MOVE THE NW ANCHOR BY HAND SIDEWAYS. AFTER DIGGING DOWN THEY FOUND A LARGE CORROSION PIT. SHUT DOWN OPERATIONS AND NOTIFIED WE.  
THE ANCHOR WILL NEED TO BE REPLACED. THE LAST TEST ON THE ANCHORS WAS JUNE OF 2015.

PERFORMED RIG DRILLS.

WAITING ON ORDERS.

OFFLOAD PROD STRING.SPOT TBG RACKS AND LAY DOWN MACHINE.





# Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 8/6/2015

Job End Date: 9/16/2015

Well Name LANDSDALE 'D' FEDERAL COM 001		Lease Landsdale 'D' Federal	Field Name Lusk North	Business Unit Mid-Continent	
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Com

RAISED DERRICK TO CHANGE OUT TBG LINE. LOWERED DERRICK.  
TBG PSI 400#.

CREW TRAVEL

NO OPERATIONS AT WELLSITE.

Report Start Date: 9/2/2015

Com

NO ACTIVITY AT WELLSITE.

CREW TRAVEL TO LOCATION.

TGSM, DISCUSSED WITH RIG CREW, REVERSE UNIT OPER., LAY DOWN MACHINE OPER., THE PLANS FOR THIS MORNING.

MIKE NORTHCUTT, JOE DUNN W/ HOBBS ANCHOR, AND LUIS ANAYA, RIG SUPERVISOR CAME OUT TO INSPECT THE NW ANCHOR. THEY ALL AGREED THAT IT NEEDED TO BE REPLACED.

CREW TRAVEL

NO OPERATIONS AT WELLSITE.

Report Start Date: 9/3/2015

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

CREW TRAVE TO LOCATION.

WAITING ON 48 HOUR ONE CALL TO EXPIRE TO INSTALL ANCHOR.  
(WENT OVER WELL SAFE WITH LEAD WSM)

JSA TGSM FOR INSTALLING ANCHORS WITH HOBBS ANCHOR. ALSO PJSM WITH CREW FOR, BLEEDING DOWN WELL AND KILLING, TRIPPING PIPE, SWA, SWP, TENET AND HAZARD WHEEL #3, AND JOB SCOPE FOR THE DAY

MIRU HOBBS ANCHOR AND INSTALL ANCHORS. VERIFY WITH PULL TEST (23K). RDMO HOBBS ANCHOR

R/U KEY 307. SCOPE DERRICK, INSTALL LINES TO ANCHORS, R/U FLOOR

CHECKED PRESSURE ON WELL: 150 PSI ON CASING, 700 PSI ON TUBING. BLEW DOWN.

KILLED WELL WITH 100 BBLs OF 10 PPG BRINE

PERFORMED RIG WALK AROUND / SET COFO / INSTALL AND CALIPER 3-1/2" TBG ELEVATORS. DISCONNECT BLOW DOWN LINES

UNBOLT, LIFT UP FRAC VALVE AND TEST BOP: 250 LOW/1000 HIGH-GOOD

(DUE TO HOLE IN CASING HAD TO PUMP INTO BACKSIDE AND CHARGE UP AND BE ABLE TO HOLD PRESSURE)

FLOW BACK WELL AFTER BOP TEST

N/D FRAC VALVE, INSTALL SLIPS AND PREPARE TO RELEASE PACKER AND POOH.

AFTER RELEASING PACKER, TRIED TO POOH WITH 3-1/2" TUBING, OBSERVED WEIGHT INDICATOR INCREASING TO 130K (COULD NOT PULL OVER 130K). TROUBLESHOOT BY WORKING PIPE, CIRCULATING- NO RESULT. P/U 1 JOINT AND WENT AND RESET PACKER AND RELEASED AGAIN- THIS TIME WITH TOOLPUSHER ONSITE WAS ABLE TO PULL 140K AND BROKE FREE AND WAS ABLE TO POOH.

POOH AND L/D 54 JOINTS OF 3-1/2" FRAC STRING. SWFN. EOT=8750'

DEBRIEF WITH CREW ON SAFE DAY. DISCUSSED POA FOR TOMORROW

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

Report Start Date: 9/4/2015

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

CREW TRAVE TO LOCATION.

JSA TGSM FOR TRIPPING PIPE, HIGH WINDS, STAGE 5 AND SHARED SAFETY TOPICS FROM COMMS MEETING, SWA, SWP, TENET AND HAZARD WHEEL #4, AND JOB SCOPE FOR THE DAY

PERFORMED RIG WALK AROUND / SET COFO / CALIPER 3-1/2" TBG ELEVATORS / CHECKED PRESSURE ON WELL: CASING WAS ON VACUUM AND NO PRESSURE ON TUBING

POOH LAYING DOWN 52 JOINTS OF 3-1/2" TUBING  
(TRICKLING BRINE IN HOLE WHILE TRIPPING)

ONCE RIG REACHED BELOW 70K ON LOAD, SWITCH FROM TIE BACK TO FAST LINE.

POOH LAYING DOWN 219 JOINTS OF 3-1/2" TUBING AND LAY DOWN PACKER.  
(OFFLOAD TUBING TO TRUCK WHILE POOH)  
(TRICKLING BRINE IN HOLE WHILE TRIPPING)

REMOVE 3-1/2" PIPE RAMS AND REPLACE WITH 2-7/8" RAMS.

REPLACE ELEVATORS AND CALIPER FOR 2-7/8" TUBING, MOVE PIPE RACK, RELEASE L/D MACHINE. INSTALL CAT WALK, MOVE 2-7/8" TUBING ONTO RACKS, INSTALL ENVIROVAC, PREP FLOOR.

P/U TEST PACKER, 1 JOINT AND RIH. TEST BOP TO 250 LOW AND 1000 HIGH-GOOD. L/D TEST PACKER

P/U MILL TOOTH BIT AND RIH WITH 50 JOINTS OF 2-7/8" TUBING. SWFN. EOT= 1600'

DEBRIEF WITH CREW ON SAFE EFFICIENT DAY. DISCUSSED POA FOR TOMORROW





# Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 8/6/2015

Job End Date: 9/16/2015

Well Name LANDSDALE 'D' FEDERAL COM 001		Lease Landsdale 'D' Federal	Field Name Lusk North	Business Unit Mid-Continent	
Ground Elevation (ft) 3,666.00	Original RKB (ft) 3,682.00	Current RKB Elevation 3,682.00, 4/23/2014		Mud Line Elevation (ft)	Water Depth (ft)

Com

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

Report Start Date: 9/5/2015

Com

CREW DAY OFF. NO OPERATIONS ON LOCATION.

Report Start Date: 9/6/2015

Com

CREW DAY OFF, NO OPERATIONS ON LOCATION

Report Start Date: 9/7/2015

Com

CREW DAY OFF, NO OPERATIONS ON LOCATION.

Report Start Date: 9/8/2015

Com

NO ACTIVITY AT WELLSITE.

CREW TRAVEL TO LOCATION.

PRE-JOB SAFETY MEETING W/RIG CREW AND REVERSE UNIT OPER.

SITP: 0

SICP: 0

PUMPED 24 BBLS BRINE.

STRAP AND PICK UP 2 7/8" L80 TBG STRING FROM RACKS.

CREW LUNCH

FINISH PICKING UP TBG, TAG FILL AT 10,608'. LAY DOWN 2 JTS. EOT AT 10,560'. 25' ABOVE TOP PERF.

INSTALL STRIPPER HEAD, TIED BACK TBG LINE. TIE IN REVERSE UNIT HOSE TO SEE IF WE COULD ESTABLISH CIRC. W/FRESH WATER. STARTED CIRC W/ 280 BBLS @ 4 BPM AND 1,000 PSI. SLOWED TO 2 BPM PSI DROPPED TO 500#, FORMATION STILL TAKING WATER. CONSULTED W/WE AND DECISION WAS MADE TO ORDER OUT AIRFOAM UNIT. SWFN

CREW TRAVEL .

NO ACTIVITY ON LOCATION.

Report Start Date: 9/9/2015

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

CREW TRAVE TO LOCATION.

JSA TGSM FOR TRIPPING PIPE, PRESSURE, TRIPPING HAZARDS, LOUD NOISE, WENT OVER WEEKLY INCIDENTS WITH CREW, SWA, SWP, TENET AND HAZARD WHEEL #9, AND JOB SCOPE FOR THE DAY

PERFORMED RIG WALK AROUND / SET COFO / CALIPER 2-7/8" TBG ELEVATORS / CHECKED PRESSURE ON WELL: CASING WAS ON VACUUM AND NO PRESSURE ON TUBING

MIRU WELL FOAM. SPOT IN TRUCKS, HOOK UP LINES/RESTRAINTS, R/U MAINFOLD

POOH WITH 16 STANDS OF 2-7/8" TUBING. INSTALL CHECK VALVE. ( PULLED ABOUT 1000' ABOVE PERFS AS PER WELL FOAM RECOMMENDATION)

ESTABLISH CIRCULATION. PUMPED TOTAL OF 90 BBLS OF FRESH WATER: CASING PRESSURE-650 PSI,

PUMPED @ .9 BPM (38 GPM) WITH FRESH WATER

PUMPED@ 900 CFM WITH AIR

RIH WITH 16 STANDS OF 2-7/8" TUBING

P/U 2 JOINTS AND R/U POWER SWIVEL. CONNECT LINE AND PREPARE TO CLEAN OUT

TAG FILL @ 10608' AND CLEAN OUT WELL TO 10888' USING FOAM/AIR UNIT.  
( TAGGED CEMENT @ 10888')

CIRCULATED BOTTOMS UP WITH WATER/FOAM MIX(165 BBLS IS BOTTOMS UP CAPACITY ) WITH AIR FOAM UNIT.

PUMP RATE: .9 BPM (38 GPM) OF FRESH WATER

WHILE PUMPING 900 SCFM OF AIR

TOTAL FRESH WATER PUMPED FOR JOB: 226 BBLS

TOTAL SOAP PUMPED FOR JOB: 40 GALS

USED 1 BAG OF CAUSTIC FOR JOB TO RAISE PH OF FW

R/D WELL FOAM LINES AND RIG UP REVERSE UNIT. PUMPED 60 BBLS OF 10 PPG BRINE TO KILL WELL. (60 BBLS IS TUBING CAPACITY)

R/D POWER SWIVEL

POOH 5 STANDS, REMOVE CHECK VALVE, AND L/D 2 JOINT OF TUBING. SWFN. EOT=10560' (325 JOINTS)

DEBRIEF WITH CREW ON SAFE EFFICIENT DAY. DISCUSSED POA FOR TOMORROW

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

Report Start Date: 9/10/2015





# Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 8/6/2015

Job End Date: 9/16/2015

Well Name LANDSDALE 'D' FEDERAL COM 001		Lease Landsdale 'D' Federal	Field Name Lusk North	Business Unit Mid-Continent	
Ground Elevation (ft) 3,666.00	Original RKB (ft) 3,682.00	Current RKB Elevation 3,682.00, 4/23/2014		Mud Line Elevation (ft)	Water Depth (ft)

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

CREW TRAVE TO LOCATION.

JSA TGSM FOR TRIPPING PIPE, CHECKING, PRESSURE, HANDLING OF BHA, TRIPPING HAZARDS, SWA, SWP, TENET AND HAZARD WHEEL #10, AND JOB SCOPE FOR THE DAY

PERFORMED RIG WALK AROUND / SET COFO / CALIPER 2-7/8" TBG ELEVATORS / CHECKED PRESSURE ON WELL: 750 PSI ON CASING, BD

PUMPED 75 BBLs OF 10 PPG BRINE TO KILL WELL

TIH WITH 2-7/8" TUBING AND TAG FILL @10,879 (9' OF FILL ON TOC). CONSULTED W.E. AND DECISION WAS MADE TO NOT CLEAN OUT

L/D 11 JOINTS AND STAND BACK 18 STANDS.

ONCE UNDER 70K ON WEIGHT, SWITCH FROM TIE BACK TO FAST LINE

POOH AND STAND BACK WITH 288 JOINTS OF 2-7/8" TUBING.

CREW LUNCH

MIRU HYDROTESTERS, INSTALL SHEEVE IN DERRICK. R/D WELL FOAM MANIFOLD, MOVE PIPE RACKS, OFFLOAD RODS

P/U BHA AND RIH

(1) 3" BPMAJT,

(1) 2-7/8" SAND SCREEN

(1) 2-7/8" MSN

(2) 2-7/8" TK-99

RIH WITH 2 JOINTS OF 2-7/8" L-80 TUBING, P/U TAC RIH, P/U 2 JOINTS OF 2-7/8" TUBING, (1) 4' MARKER SUB OF 2-7/8" TUBING AND RIH. RIH WITH 80 JOINTS OF 2-7/8" L-80 TUBING WHILE TESTING TO 6000 PSI. SWFN. EOT=2800'

DEBRIEF WITH CREW ON SAFE EFFICIENT DAY. DISCUSSED POA FOR TOMORROW

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

Report Start Date: 9/11/2015

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

CREW TRAVE TO LOCATION.

JSA TGSM FOR TRIPPING PIPE, HIGH PRESSURE, HYDROTESTING, TRIPPING HAZARDS, SWA, SWP, TENET AND HAZARD WHEEL #1, AND JOB SCOPE FOR THE DAY

PERFORMED RIG WALK AROUND / SET COFO / CALIPER 2-7/8" TBG ELEVATORS / CHECKED PRESSURE ON WELL: 25 PSI ON CASING, BD

PUMPED 25 BBLs OF 10 PPG BRINE TO KILL WELL

RIH WITH 241 JOINTS OF 2-7/8" 6.5# L-80 PRODUCTION TUBING WHILE HYDROTESTING TO 6000 PSI. RDMO HYDROTESTERS

TIE BACK FORM FAST LINE.

VISIT FORM V&V TEAM/CREW LUNCH

CLEAN RIG FLOOR, RAISE RIG FLOOR. N/D ENVIRO PAN, AND N/D BOP

TRIED TO SET TAC MULTIPLE TIMES, BUT COULD NOT GET TAC TO SET. P/U 1 JOINT AND TRIED TO SET WITH TONGS IN HIGH GEAR MULTIPLE TIMES-DID NOT SET. L/D 1 JOINT AND TRY AGAIN- NO RESULT. N/U TUBING HEAD.

(CONSULTED WITH W.E. DECISION WAS MADE TO POOH AND CHANGE OUT TAC)

OPERATIONS SUSPENDED DUE TO LIGHTNING. SWFN

(CONSULTED WITH W.E. AND DECISION WAS MADE TO NOT TO N/U BOP, AS WE COULD NOT TEST WITHOUT PACKER. WILL N/U BOP, NEED TO POOH GET UNDER 45K ON WEIGHT TO BE ABLE TO RUN PACKER AND TEST BOP WITHOUT DAMAGING PACKER)

DEBRIEF WITH CREW ON SAFE EFFICIENT DAY. DISCUSSED POA FOR TOMORROW

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

Report Start Date: 9/12/2015

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

CREW TRAVE TO LOCATION.

JSA TGSM FOR TRIPPING PIPE, BOP TESTING, WORKING AT HEIGHTS, TRIPPING HAZARDS, SWA, SWP, TENET AND HAZARD WHEEL #2, AND JOB SCOPE FOR THE DAY

PERFORMED RIG WALK AROUND / SET COFO / CALIPER 2-7/8" TBG ELEVATORS / CHECKED PRESSURE ON WELL: CASING ON VACUUM

SWITCH FROM TIE BACK TO FAST LINE

LIFT FLOOR AND N/D WELLHEAD.

N/U BOP AND HOOK UP TO ACCUMULATOR, N/U ENVIROPAN, PREP FLOOR TO POOH

POOH WITH 114 JOINTS OF 2-7/8" TUBING AND STAND BACK.

OPERATOR NOTICED ENGINE PROBLEMS AND USED SWA AND SHUT DOWN DUE TO ENGINE PROBLEMS WITH RIG. (WAIT FOR REPAIR PERSONNEL TO ARRIVE FROM ODESSA)

TROUBLESHOOT AND REPAIR ENGINE PROBLEM





# Summary Report

Major Rig Work Over (MRWO)

Casing Repair

Job Start Date: 8/6/2015

Job End Date: 9/16/2015

Well Name LANDSDALE 'D' FEDERAL COM 001		Lease Landsdale 'D' Federal	Field Name Lusk North	Business Unit Mid-Continent	
Ground Elevation (ft) 3,666.00	Original RKB (ft) 3,682.00	Current RKB Elevation 3,682.00, 4/23/2014		Mud Line Elevation (ft)	Water Depth (ft)

Com

DEBRIEF WITH CREW. DISCUSSED POA FOR MONDAY

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

Report Start Date: 9/13/2015

Com

CREW SCHEDULE DAY OFF. NO OPERATIONS AT WELLSITE

Report Start Date: 9/14/2015

Com

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

CREW TRAVE TO LOCATION.

JSA TGSM FOR TRIPPING PIPE, BOP TESTING, WORKING AT HEIGHTS, TRIPPING HAZARDS, SWA, SWP, TENET AND HAZARD WHEEL #4, AND JOB SCOPE FOR THE DAY

PERFORMED RIG WALK AROUND / SET COFO / CALIPER 2-7/8" TBG ELEVATORS / CHECKED PRESSURE ON WELL: CASING 20 PSI

N/D WELLHEAD

POOH WITH 106 JOINTS OF 2-7/8" TUBING AND STAND BACK

P/U PEAK PACKER AND RIH. TEST THE BREAK ON BOP AGAINST PIPE RAMS TO 250/1000 PSI FOR 5 MIN-GOOD. L/D PACKER.

POOH WITH 103 JOINTS OF 2-7/8" TUBING. REMOVE TAC. (SPRINGS ON TAC WERE FLATTENED IN) CONSULTED WITH W.E. AND DISCUSSED OTHER OPTIONS, AND DECISION WAS MADE TO RIH WITH NEW TAC WITH CARBIDE SLIPS.

CREW LUNCH

P/U NEW TAC AND RIH WITH 323 JOINTS OF 2-7/8" L-80 PRODUCTION TUBING.

SWITCH FROM FAST LINE TO TIE BACK.

R/D RIG FLOOR. N/D ENRIRO PAN. SET NEW TAC WITH CARBIDE SLIPS @ 10,506'. VERIFY TAC SET. (SET IN 20K TENSION)

N/D BOP AND RELEASE

N/U WELLHEAD, INSTALL ROD BOP, PUMPING TEE, AND NIGHT CAP, SWFN

DEBRIEF WITH CREW. DISCUSSED POA FOR MONDAY

CREW TRAVEL HOME.

NO OPERATIONS TAKING PLACE ON LOCATION AT THIS TIME.

Report Start Date: 9/15/2015

Com

No ops @ well

Crew Travel

Safety Meeting

RU Floor and rod running equipment

Start RIH w/ pump and rods

Lunch

Cont Rih w/ rods:

25-150-RHBM-26-6 Pump w/ 4 ft 7/8" guided rod Sub  
8- 1.5" sinker bars  
297 - 7/8" Weatherford HD  
8 - 7/8" Weatherford HD Guided rods(3 guides per rod)  
12 - 7/8" Weatherford HD  
97 - 1" Weatherford HD  
1 - 8" Pony Rod Weatherford HD  
1.5" - 30ft SM polished rod w/ 1" pin

Well should be hung on with 92" from the bottom of the rod coupling to the top of the stuffing box.

RD Floor

Load and test tubing:

12.5 bbls to load. Tested to 520 for 15 mins(Good)

RD Pulling unit & Aux Equipment

Crew Travel

No ops @ well

Report Start Date: 9/16/2015

Com

No ops @ well

Crew Travel

Safety Meeting





# Summary Report

Major Rig Work Over (MRWO)  
Casing Repair  
Job Start Date: 8/6/2015  
Job End Date: 9/16/2015

Well Name LANDSDALE 'D' FEDERAL COM 001		Lease Landsdale 'D' Federal	Field Name Lusk North	Business Unit Mid-Continent	
Ground Elevation (ft) 3,666.00	Original RKB (ft) 3,682.00	Current RKB Elevation 3,682.00, 4/23/2014		Mud Line Elevation (ft)	Water Depth (ft)

Com

Load tanks and reverse unit, Road rig to Salado Draw pad.

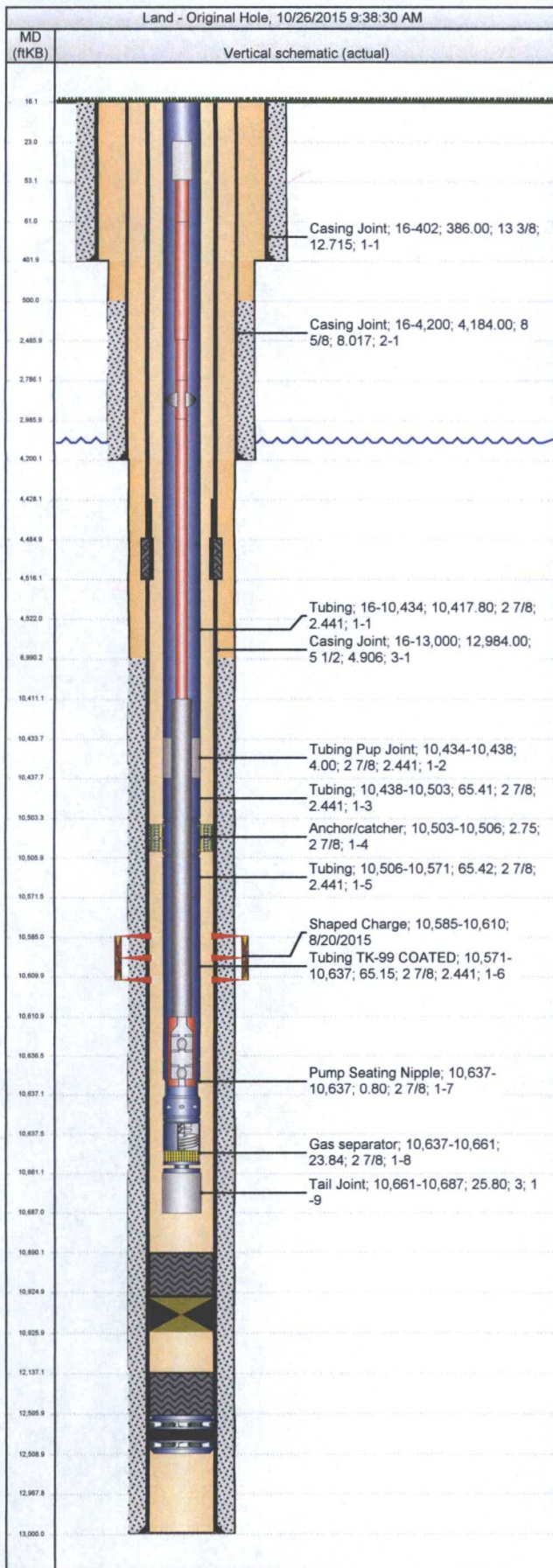
Perform Handover with Contract Field Specialist Sammy Licon





# Wellbore Schematic

Well Name LANDSDALE 'D' FEDERAL COM 001	Lease Landsdale 'D' Federal	Field Name Lusk North	Business Unit Mid-Continent
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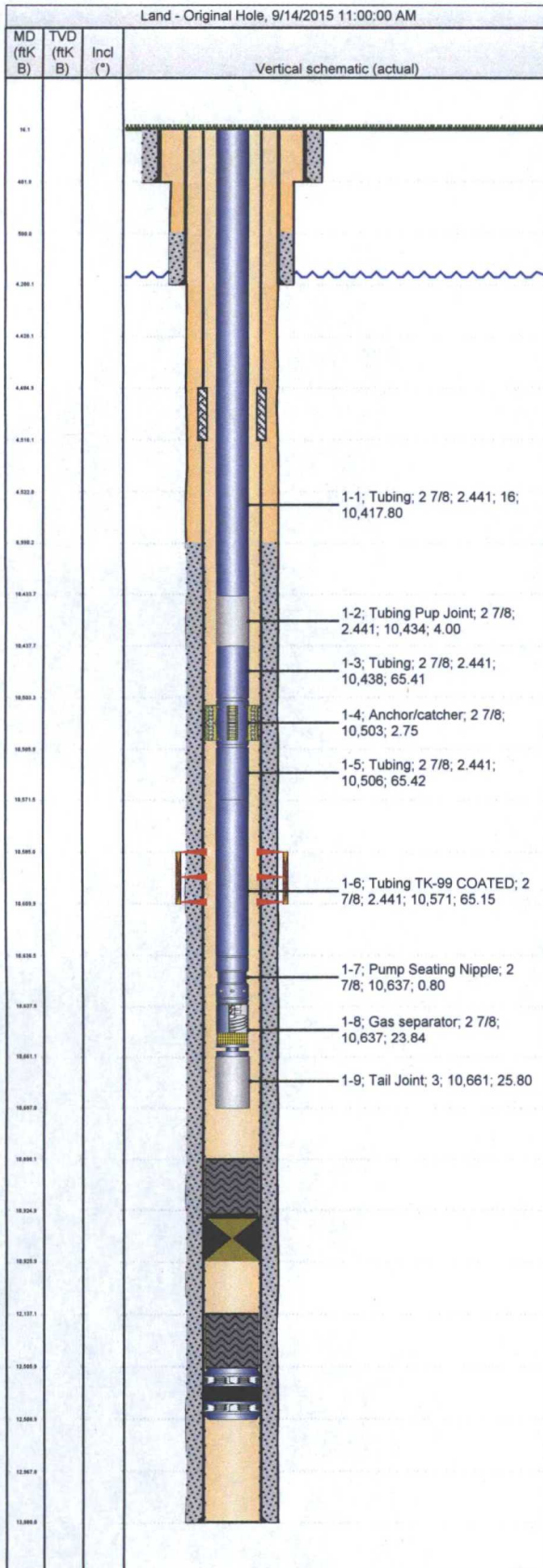
Job Details							
Job Category			Start Date		Rig/Unit End Date		
Major Rig Work Over (MRWO)			8/6/2015		8/24/2015		
Major Rig Work Over (MRWO)			8/26/2015		8/27/2015		
Major Rig Work Over (MRWO)			8/28/2015		8/31/2015		
Major Rig Work Over (MRWO)			9/1/2015		9/16/2015		
Casing Strings							
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (MD) (ftKB)		
Surface	13 3/8	48.00	H-40		402		
Intermediate Casing 1	8 5/8	28.00	H-40		4,200		
Production Casing	5 1/2	17.00	S-95		13,000		
Tubing Strings							
Tubing - Production set at 10,687.0ftKB on 9/14/2015 11:00							
Tubing Description			Run Date		String Length (ft)		Set Depth (MD) (ftKB)
Tubing - Production			9/14/2015		10,670.97		10,687.0
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)	
Tubing	321	2 7/8	6.50	L-80	10,417.80	10,433.8	
Tubing Pup Joint	1	2 7/8	6.50	L-80	4.00	10,437.8	
Tubing	2	2 7/8	6.50	L-80	65.41	10,503.2	
Anchor/catcher	1	2 7/8			2.75	10,506.0	
Tubing	2	2 7/8	6.50	L-80	65.42	10,571.4	
Tubing TK-99 COATED	2	2 7/8	6.50	L-80	65.15	10,636.5	
Pump Seating Nipple	1	2 7/8			0.80	10,637.3	
Gas separator	1	2 7/8			23.84	10,661.2	
Tail Joint	1	3			25.80	10,687.0	
Rod Strings							
WEATHERFORD RODS on 9/15/2015 13:00							
Rod Description			Run Date		String Length (ft)		Set Depth (ftKB)
WEATHERFORD RODS			9/15/2015		10,614.00		10,637.0
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)	
Polished Rod	1	1 1/2			30.00	53.0	
Pony Rod	1	1	2.90	Special	8.00	61.0	
Sucker Rod	97	1	2.90	Special	2,425.00	2,486.0	
Sucker Rod	12	7/8	2.22	Special	300.00	2,786.0	
Guided Sucker Rod	8	7/8	2.22	Special	200.00	2,986.0	
Sucker Rod	297	7/8	2.22	HD	7,425.00	10,411.0	
Sinker Bar	8	1 1/2	6.01	K	200.00	10,611.0	
Rod Pump	1	2			26.00	10,637.0	
Perforations							
Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total	Zone & Completion		
8/20/2015	10,585.0	10,610.0	4.0				
Other Strings							
Run Date	Pull Date	Set Depth (ftKB)		Com			
Other In Hole							
Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date	Com		
CIBP	10,925.0	10,926.0	8/20/2015				
Packer	12,506.0	12,509.0			STUCK PACKER		





# Tubing Summary

Well Name <b>LANDSDALE 'D' FEDERAL COM 001</b>	Lease <b>Landsdale 'D' Federal</b>	Field Name <b>Lusk North</b>	Business Unit <b>Mid-Continent</b>	
Ground Elevation (ft) <b>3,666.00</b>	Original RKB Elevation (ft) <b>3,682.00</b>	Current RKB Elevation <b>3,682.00, 4/23/2014</b>	Mud Line Elevation (ft)	Water Depth (ft)
Current KB to Ground (ft) <b>16.00</b>	Current KB to Mud Line (ft)	Current KB to Csg Flange (ft)	Current KB to Tubing Head (ft)	



Tubing Strings									
Tubing Description <b>Tubing - Production</b>		Planned Run? <b>N</b>		Set Depth (MD) (ftKB) <b>10,687.0</b>		Set Depth (TVD) (ftKB)			
Run Date <b>9/14/2015</b>		Run Job <b>Casing Repair, 8/6/2015 10:00</b>		Pull Date		Pull Job			
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
321	Tubing	2 7/8	2.441	6.50	L-80		10,417.80	16.0	10,433.8
1	Tubing Pup Joint	2 7/8	2.441	6.50	L-80		4.00	10,433.8	10,437.8
2	Tubing	2 7/8	2.441	6.50	L-80		65.41	10,437.8	10,503.2
1	Anchor/catcher	2 7/8					2.75	10,503.2	10,506.0
2	Tubing	2 7/8	2.441	6.50	L-80		65.42	10,506.0	10,571.4
2	Tubing TK-99 COATED	2 7/8	2.441	6.50	L-80		65.15	10,571.4	10,636.5
1	Pump Seating Nipple	2 7/8					0.80	10,636.5	10,637.3
1	Gas separator	2 7/8					23.84	10,637.3	10,661.2
1	Tail Joint	3					25.80	10,661.2	10,687.0

Rod Strings			
Rod Description <b>WEATHERFORD RODS</b>	Planned Run? <b>N</b>	Set Depth (ftKB) <b>10,637.0</b>	Set Depth (TVD) (ftKB)
Run Date <b>9/15/2015</b>	Run Job <b>Casing Repair, 8/6/2015 10:00</b>	Pull Date	Pull Job

Rod Components							
Jts	Item Des	OD (in)	Grade	Model	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Polished Rod	1 1/2		Sprayloy	30.00	23.0	53.0
1	Pony Rod	1	Special	HD	8.00	53.0	61.0
97	Sucker Rod	1	Special	HD	2,425.00	61.0	2,486.0
12	Sucker Rod	7/8	Special	HD	300.00	2,486.0	2,786.0
8	Guided Sucker Rod	7/8	Special	HD	200.00	2,786.0	2,986.0
297	Sucker Rod	7/8	HD	HD	7,425.00	2,986.0	10,411.0
8	Sinker Bar	1 1/2	K		200.00	10,411.0	10,611.0
1	Rod Pump	2			26.00	10,611.0	10,637.0



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OCD

DEC 30 2015

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.  
NMNM226431a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
CHEVRON U.S.A. INC. Contact: DENISE PINKERTON  
E-Mail: leakejd@chevron.com8. Lease Name and Well No.  
LANDSDALE D FEDERAL 0013. Address 15 SMITH ROAD  
MIDLAND, TX 797053a. Phone No. (include area code)  
Ph: 432-687-73759. API Well No.  
30-025-26256

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 1980FSL 660FEL

At top prod interval reported below 1980FSL 660FEL

At total depth 1980FSL 660FEL

10. Field and Pool, or Exploratory  
BAISH; WOLDCAMP NORTH11. Sec., T., R., M., or Block and Survey  
or Area Sec 4 T19S R32E Mer NMP12. County or Parish  
LEA13. State  
NM14. Date Spudded  
08/06/2015

15. Date T.D. Reached

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
08/25/201517. Elevations (DF, KB, RT, GL)\*  
3666 GL18. Total Depth: MD 13000  
TVD19. Plug Back T.D.: MD 12968  
TVD20. Depth Bridge Plug Set: MD 10925  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
N/A22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	10687							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
BAISH; WOLFCAMP, NORTH	10585	10610	10585 TO 10610			PRODUCING
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10585 TO 10610	ACIDIZE W/48 BBLS 10% HCL ACID, & FRAC W/61,710 LBS 20/40 DELTA FRAC 200

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/31/2015	08/31/2015	24	→	185.0	404.0	31.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
							2189	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #327036 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

K-2

cy



28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	31. Formation (Log) Markers
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:
- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #327036 Verified by the BLM Well Information System.  
For CHEVRON U.S.A. INC., sent to the Hobbs**

Name (please print) DENISE PINKERTON Title REGULATORY SPECIALIST

Signature (Electronic Submission) Date 12/22/2015

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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