

Submit 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 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 July 18, 2013

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

WELL API NO. 30-025-115610
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name McBuffington
8. Well Number 2
9. OGRID Number 256073
10. Pool name or Wildcat Langlie Mattix;7Rvrs-Q-Grayburg

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.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator JR OIL LTD CO	
3. Address of Operator PO BOX 2975 HOBBS, NM 88240	
4. Well Location Unit Letter <u>P</u> , <u>660</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>East</u> line Section <u>13</u> Township <u>25S</u> Range <u>37E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

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 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 checked="" 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: <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.

See Attached

Spud Date:

06/25/1955

Rig Release Date:

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

SIGNATURE Maren Latimer TITLE Agent DATE 01/15/2025

Type or print name Maren Latimer E-mail address: mlatimer@ravenop.com PHONE: 575-691-6790

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

**Plugging Report
JR Oil Ltd. Co.
McBuffington #2
API 30-025-11561**

12/4/2024 Moved in and rigged up. Could not get pump unseated. Backed off rods. Laid down 133 ¾" rods and the pull rod of the pump. Installed BOP and SION

12/5/2024 Tubing was stuck. Could not work free. Pumped a total of 85 bbls fresh water down the tubing and casing attempting to clear possible salt build up down hole while working the pipe with the rig. Tubing not moving. Called Rotary Wireline. Ran free point tool and pipe showed to be stuck at 3240'. Collars at 3229' and 3196'. Jet cut tubing at 3215'. Stood back 10 stands and the pipe started looking bad. Laid down all tubing. SION

12/6/2024 Made gauge ring run and set 5.5" CIBP at 3191'. Circulated MLF and tested casing to 500#. Good. Spot 25 sx cement on top of CIBP. POOH and shut down.

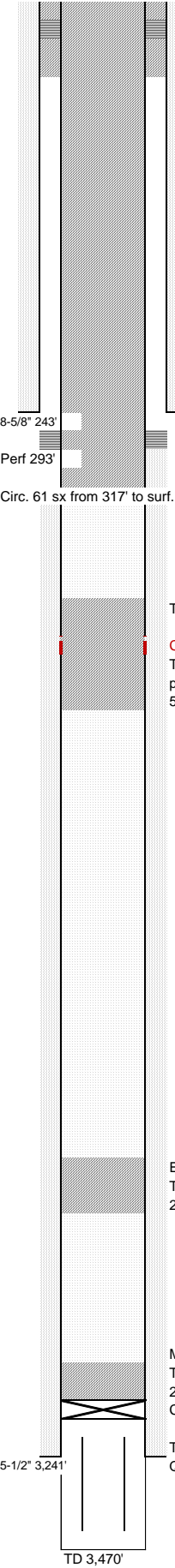
12/9/2024 Tagged cement at 2973'. Ran bond log. Had to continually add water to casing while running bond log. TOC at 1750'. Additional cement from 150' to 1050'. Assume top cement was to repair bad casing. Picked up packer and located hole in casing between 1015' and 1078'. Could pump into hole. Took 3 bbls to reach 500# 1 bbl/min. Would bleed down to zero in about 1.5 minutes. Called OCD. RIH to 2537' and spot 25 sx cement. POOH and perforated casing at 1200'. RIH with tubing to 1268' and spot 50 sx cement across perforations and the bad casing (gravity squeeze as per OCD). POOH and SION.

12/10/2024 Tagged cement at 904'. Loaded casing and tested to 500# and held. Perforated at 293'. Pressured up on perforations to 600# and held. Perforated again at 50' as per OCD. Good communication with surface head. RIH with tubing to 317'. Circulated cement to surface inside 5.5" casing. Closed casing valve and open surface valve. Circulated cement to surface with 8 sx cement inside the surface annulus. Rigged down, dug out, and removed the wellhead. Cement had fallen from surface. Filled up 5 ½" and 8 5/8" casing with 15 sx cement. Cement began to slowly fall from surface after filling up. Will let cement set up overnight and fill up again in the morning.

12/11/2024 Filled up 5 ½" and 8 5/8" casing with 5 sx cement. Cement remained at surface. Installed standard marker. Installed cement tube around cut off and marker and filled with 5 sx cement. Removed anchors, cleaned the pit and cleared location.



McBuffington #2



WELL NAME: McBuffington #2				FORMATION: Queen				KB:						
API NO: 30-025-11561				FIELD: Langlie Mattix				PBTD: 3,470						
SPUD DATE: June 25, 1955				COUNTY: Lea				TD: 3,470						
CASING									CEMENT & HOLE DATA					
	joints	OD	lb/ft	grade	ID (in)	drift (in)	top	bottom	bit size	depth	sacks	TOC		
Surface		8 5/8	28.00		8.097	7.972	0'	243'	11		125	surf. (calc.)		
Production		5 1/2	14.00		5.012	4.887	0'	3,241'	6 3/4		300	surf. (calc.)		
History: 6/25/1955 Spud by WK Byrom, frac open hole Queen 10k# sand in 10k gal oil, IP 200 BOPD 8/2/1985 Clean out to 3,370', treat w/ methanol, CO2, and distillate, IP 7 MCFD 12/4/2024 Lay down rods 12/5/2024 Tubing stuck, free point 3,240', cut tbg @ 3,215' , lay down tbg due to corrosion 12/6/2024 CIBP set @ 3,191' , circ. MLF, test csg 500 psi, held, spot 25 sx cement 12/9/2024 Tag 2,973' , CBL, TOC 1,750' w/ additional bond 1,050' - 150', hole drinking while logging, locate hole in csg 1,015' - 1,078', spot 25 sx @ 2,537', perf 1,200', spot 50 sx @ 1,268' per OCD 12/10/2024 Tag 904' , test csg 500 psi, held, perf 293' , pressure up perf to 600 psi, held, perf 50' per OCD, good communication w/ surface csg, circ. cement inside 5-1/2 from 317' to surface , close 5-1/2, circ. cement up 8-5/8 in 8 sx , RDMO, cut off, top off 8-5/8 w/ 15 sx 12/11/2024 Top off w/ 5 sx , install marker, well P&A'd									PERFORATIONS					
									top	bottom	zone	status	tfl shots	date
									3,241'	3,470'	Queen	active	(open hole)	06/25/55
									TUBING (none)					
	OD (in)	ID (in)	joints	length (ft)	depth (ft)									

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 420875

CONDITIONS

Operator: J R OIL, LTD. CO. P.O. Box 53657 Lubbock, TX 79453	OGRID: 256073
	Action Number: 420875
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	Clean Location in accordance with 19.15.25.10 NMAC.	1/22/2025
gcordero	Submit C-103Q within one year of plugging.	1/22/2025