

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 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. 30-025-12411
5. Indicate Type of Lease STATE [] FEE [X]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Buffington
8. Well Number 3
9. OGRID Number 256073
10. Pool name or Wildcat LANGLIE MATTIX; 7 RVRS-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 [X] Gas Well [] Other []
2. Name of Operator JR Oil Ltd. Co
3. Address of Operator P.O. Box 2975 Hobbs, NM 88241
4. Well Location Unit Letter N : 660 feet from the South line and 1650 feet from the West line
Section 19 Township 25S Range 38E NMPM County Lea
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:

- PERFORM REMEDIAL WORK [] PLUG AND ABANDON [X]
TEMPORARILY ABANDON [] CHANGE PLANS []
PULL OR ALTER CASING [] MULTIPLE COMPL []
DOWNHOLE COMMINGLE []
CLOSED-LOOP SYSTEM []
OTHER: []

SUBSEQUENT REPORT OF:

- REMEDIAL WORK [] ALTERING CASING []
COMMENCE DRILLING OPNS. [] P AND A []
CASING/CEMENT JOB []
OTHER: []

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.

- 1. MIRU Plugging service
2. Lay down all rods & tubing and move to edge of location.
3. Trip bit & scraper on work string to between 3240' & csg shoe @ 3290'
4. Set CIBP @ +/- 3240'
5. RIH work string, tag plug, circulate well w/ MLF
6. Spot 25 sx cement from plug
a. All cement plugs shall be Class C neat unless approved by NMOCD.
7. Spot 25 sx cement from 2490'
8. Spot 25 sx cement from 880'
9. Perforate 5-1/2" casing @ 303' and squeeze 50 sx cement
10. Cut off well head 3' beneath grade, top out/top off with cement, weld marker plate and back fill
11. Remove all underground piping and surface equipment. Remediate surface location per NMOCD.

4" diameter 4' tall Above Ground Marker

SEE ATTACHED CONDITIONS OF APPROVAL

Spud Date:

[Empty box for Spud Date]

Rig Release Date:

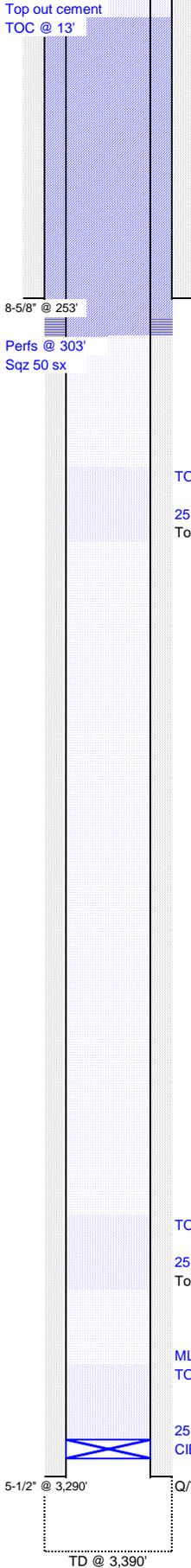
[Empty box for Rig Release Date]

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 1/31/2023
Type or print name Maren Latimer E-mail address: mlatimer@ravenop.com PHONE: 575 691 6790
For State Use Only
APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 2/1/23
Conditions of Approval (if any): 575-263-6633

JR Oil Ltd.

Buffington #3 PROPOSED



WELL NAME: Buffington #3		FORMATION: 7R/Q/GB		KB:																				
API NO: 30-025-12411		FIELD: Langlie Mattix		PBTD: NA																				
SPUD DATE: May 29, 1955		COUNTY: Lea		TD: 3,390																				
CASING							CEMENT & HOLE DATA																	
	joints	OD	lb/ft	grade	ID (in)	drift (in)	top	bottom	bit size	depth	sacks	TOC												
Surface Production (open hole)		8 5/8	28.00		8.017	7.892	0'	253'	11		125	surf. (calc.)												
		5 1/2	14.00		5.012	4.887	0'	3,290'	6 3/4	3,390'	300	surf. (calc.)												
History:							PERFORATIONS																	
5/29/1955 Spud by W K Byrom, open hole completed in 7R/Q/GB, frac 10k gal, IP 240 BOPD, API 40							<table border="1"> <thead> <tr> <th>top</th> <th>bottom</th> <th>zone</th> <th>status</th> <th>tfl shots</th> <th>date</th> </tr> </thead> <tbody> <tr> <td>3,290'</td> <td>3,390'</td> <td>7R/Q/GB</td> <td>active</td> <td>(open hole)</td> <td>05/30/55</td> </tr> </tbody> </table>						top	bottom	zone	status	tfl shots	date	3,290'	3,390'	7R/Q/GB	active	(open hole)	05/30/55
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		OD (in)	grade	rods	length (ft)	depth (ft)																		
<p>TOC @ 2,250'</p> <p>25 sx cement Top of Yates @ 2,490'</p> <p>MLF TOC @ 3,000'</p> <p>25 sx cement CIBP @ 3,240'</p> <p>Q/7R/GB open hole</p>																								

Updated: January 26, 2023 by Ian Petersen

**CONDITIONS OF APPROVAL
FOR PLUGGING AND ABANDONMENT
OCD - Southern District**

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at (575)-263-6633 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

Company representative will be on location during plugging procedures.

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal - commercial or private- shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
8. Produced water will not be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. Class 'C' cement will be used above 7500 feet.
12. Class 'H' cement will be used below 7500 feet.
13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.
16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).

19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
- A) Fusselman
 - B) Devonian
 - C) Morrow
 - D) Wolfcamp
 - E) Bone Springs
 - F) Delaware
 - G) Any salt sections
 - H) Abo
 - I) Glorieta
 - J) Yates.
 - K) Potash---(In the R-111-P Area (Potash Mine Area),

A solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.

21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing.

DRY HOLE MARKER REQUIREMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name
2. Lease and Well Number
3. API Number
4. Unit letter
5. Quarter Section (feet from the North, South, East or West)
6. Section, Township and Range
7. Plugging Date
8. County

SPECIAL CASES -----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

J R Oil, Ltd.

Buffington #3

Plug & Abandon Procedure

01/26/2023

1. MIRU plugging service.
2. Lay down all rods & tubing and move to edge of location.
 - a. Treat rods with care – avoid dropping/banging & excessive bending
3. Trip bit & scraper on work string to between 3,240' & csg shoe @ 3,290'
4. Set CIBP @ +/- 3,240'
5. RIH work string, tag plug, circulate well w/ MLF.
6. Spot 25 sx cement from plug
 - a. All cement plugs shall be Class C neat unless approved by NMOCD
7. Spot 25 sx cement from 2,490'
8. Spot 25 sx cement from 880'
9. Perforate 5-1/2" casing @ 303' and squeeze 50 sx cement
10. Cut off well head 3' beneath grade, top out/top off with cement, weld marker plate, and back fill.
11. Remove all underground piping and surface equipment. Remediate surface location per NMOCD.

Information

Well

Name: Buffington #3

API: 30-025-12411

Location: Unit N, section 19, T 25S, R 38E, 660' FSL, 1,650' FWL

Lat/long: 32.1103477, -103.1028214

Directions: From Jal travel East on Hwy 128 for 4.8 miles.
Turn South (right) onto primary lease road.
Bear left at the first Y, then travel 0.9 miles.
Turn East (left) and travel to the well. See attached satellite image.

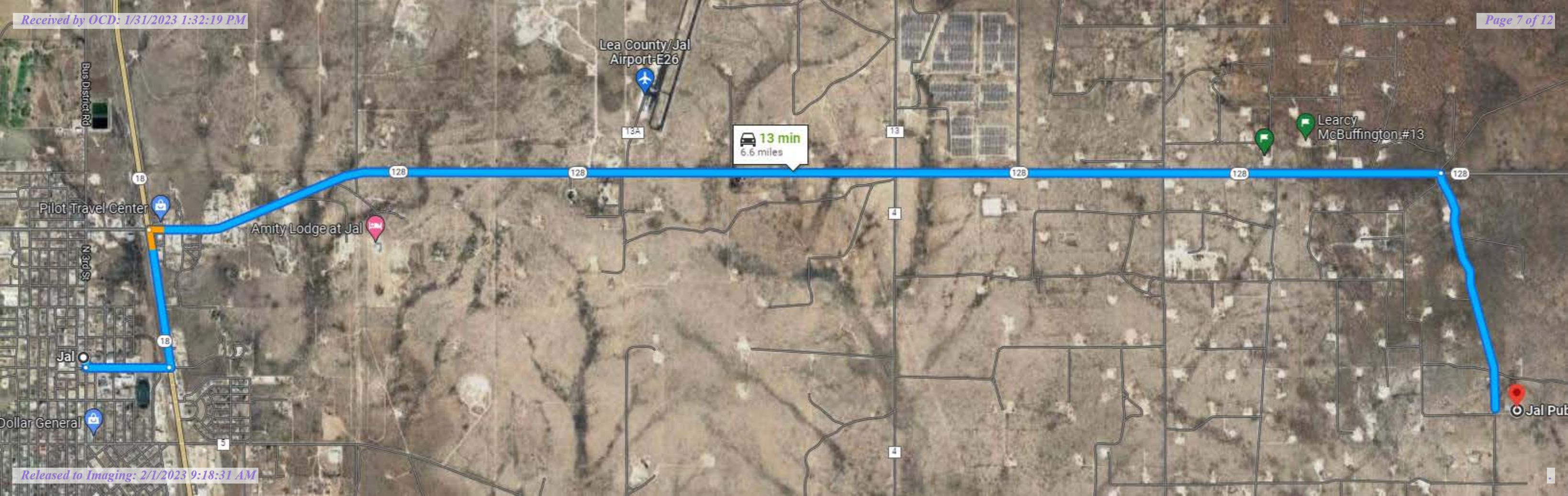
Contacts

Company Man in charge: Bobby Stearns (575) 760-2482

Engineer: Ian Petersen (432) 634-4922

Production Foreman: Josh Latimer (575) 414-9188

Pumper: Charles Cowger (575) 631-7939



13 min
6.6 miles

S Blocker Ln

128

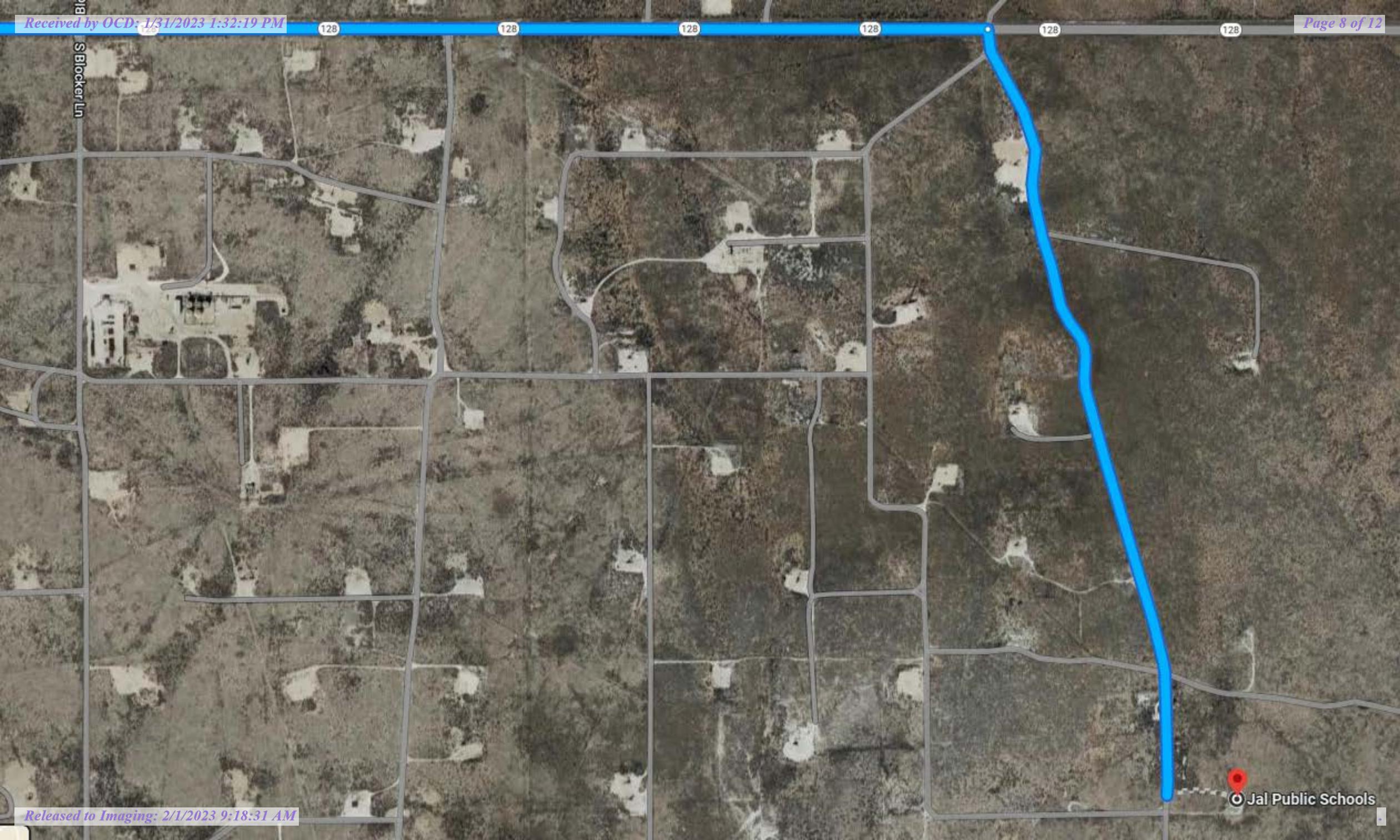
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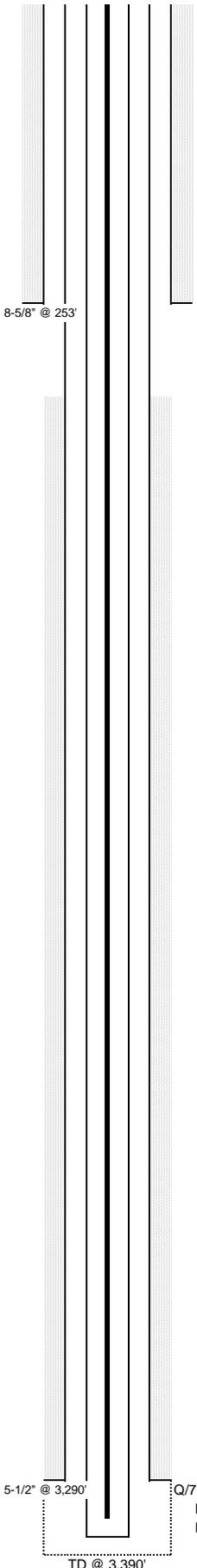
128



Jal Public Schools

JR Oil Ltd.

Buffington #3



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API NO: 30-025-12411				FIELD: Langlie Mattix				PBTD: NA				
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	joints	OD	lb/ft	grade	ID (in)	drift (in)	top	bottom	bit size	depth	sacks	TOC
Surface Production (open hole)		8 5/8	28.00		8.017	7.892	0'	253'	11		125	surf. (calc.)
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							3,290'					
							3,390'					
							7R/Q/GB					
							active					
							(open hole)					
							05/30/55					
TUBING (1/26/1994) avg jt length = 32.119'												
		OD (in)	ID (in)	joints	length (ft)	depth (ft)						
Tubing		2 3/8	1.995	110	3,371.88	3,372						
SN					1.10	3,373						
Perf sub					4.00	3,377						
MA				1	30.33	3,407						
RODS (1/26/1994)												
		OD (in)	grade	rods	length (ft)	depth (ft)						
Polished rod												
Ponies		3/4		2	4.0	13						
Sucker rods		3/4		40	1,000.0	1,013						
		5/8		94	2,350.0	3,363						
Pump		1 1/2	RWTC		10.0	3,373						

5-1/2" @ 3,290'
 Q/7R/GB open hole
 Pump intake @ 3,373'
 EOT @ 3,407'
 TD @ 3,390'

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

COMMENTS

Action 181296

COMMENTS

Operator: J R OIL, LTD. CO. P.O. Box 52647 Tulsa, OK 74152	OGRID: 256073
	Action Number: 181296
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	2/1/2023

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

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	Action Number: 181296
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached COA	2/1/2023