

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

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

Form C-103  
Revised July 18, 2013

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. <b>30-025-00014</b>
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 J R Oil Ltd. Co.		6. State Oil & Gas Lease No.
3. Address of Operator PO Box 2975 Hobbs, NM 88241		7. Lease Name or Unit Agreement Name <b>New Mexico State</b>
4. Well Location Unit Letter <b>K</b> : <b>2105</b> feet from the <b>South</b> line and <b>1604</b> feet from the <b>West</b> line Section <b>11</b> Township <b>10S</b> Range <b>32E</b> NMPM County <b>Lea</b>		8. Well Number <b>2</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>4269 GL</b>		9. OGRID Number <b>256073</b>
		10. Pool name or Wildcat <b>Mescalero; San Andres</b>

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 ☐  
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. J R Oil will inspect/reclaim.  
a. Exercise care when handling rods-do not drop or hit rods on other metallic objects.
3. Set CIBP between collars @ +/- 4,070'.
4. Circulate well w/ MLF from CIBP.
5. Spot 25 sx cement @ CIBP, WOC 4 hrs and tag.  
a. All cement plugs shall be Class C neat unless approved by NMOCD
6. ~~Spot 25~~ **P&S 50** sx cement from 3,555', WOC 4 hrs and tag.
7. Perforate 8-5/8 casing @ 344' and squeeze 242 sx cement or more until cement is circulated to surface inside 8-5/8 and 13-3/8 x 8-5/8 annulus.
8. Cut off well head 3' beneath grade, top out/top off with cement, weld above ground marker and back fill. Remove rig anchors.
9. 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:

04/09/1960

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 04/05/2023

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 4/6/23

Conditions of Approval

# **J R Oil, Ltd.**

## **New Mexico State #2**

### **Plug & Abandon Procedure**

03/31/2023

1. MIRU plugging service.
2. Lay down all rods & tubing. J R Oil will inspect/reclaim.
  - a. Exercise care when handling rods - do not drop or hit rods on other metallic objects.
3. Set CIBP between collars @ +/- 4,070'.
4. Circulate well w/ MLF from CIBP.
5. Spot 25 sx cement @ CIBP, WOC 4 hrs, and tag.
  - a. All cement plugs shall be Class C neat unless approved by NMOCD
6. Spot **27** sx cement from 3,555', WOC 4 hrs, and tag.
7. Perforate 8-5/8 casing @ 344' and squeeze 242 sx cement or more, until cement is circulated to surface inside 8-5/8 and 13-3/8 x 8-5/8 annulus.
8. Cut off well head 3' beneath grade, top out/top off with cement, weld above ground marker, and back fill. Remove rig anchors.
9. Remove all underground piping and surface equipment. Remediate surface location per NMOCD.

# Information

## Well

Name: New Mexico State #2

API: 30-025-00014

Location: Unit K, section 11, T 10S, R 32E, 2,105' FSL, 1,604' FWL

Lat/long: 32.45924, -103.6463165

Directions: From Tatum travel West on Hwy 380 21.7 miles.

Turn north (right) on Button Mesa Rd., and travel 6.7 miles.

Turn East (right) on lease road, follow bend to south, then bend to east, dead end at the well.

## Contacts

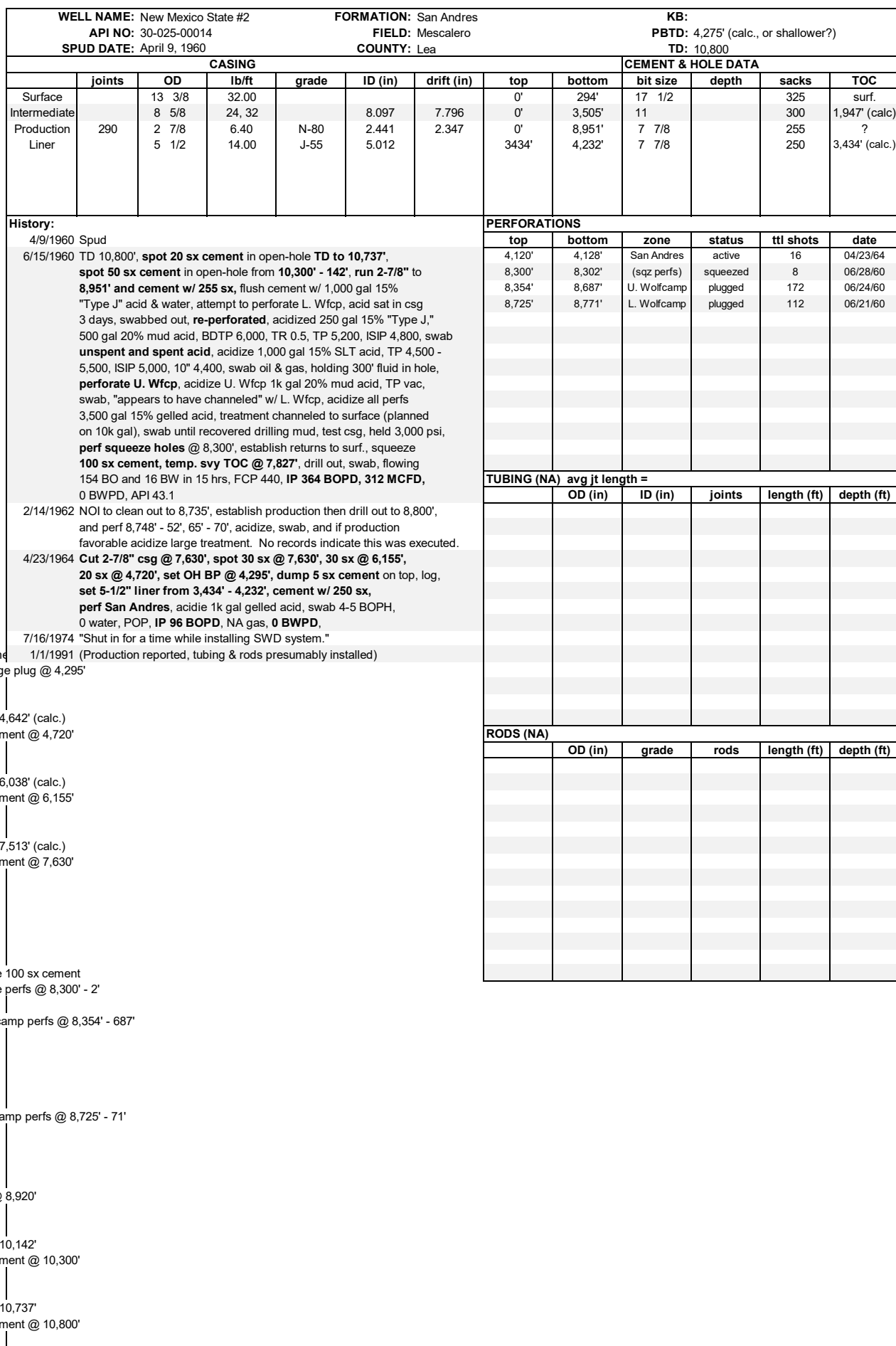
Company Man in charge: TBD

Engineer: Ian Petersen (432) 634-4922

Production Foreman: Josh Latimer (575) 414-9188

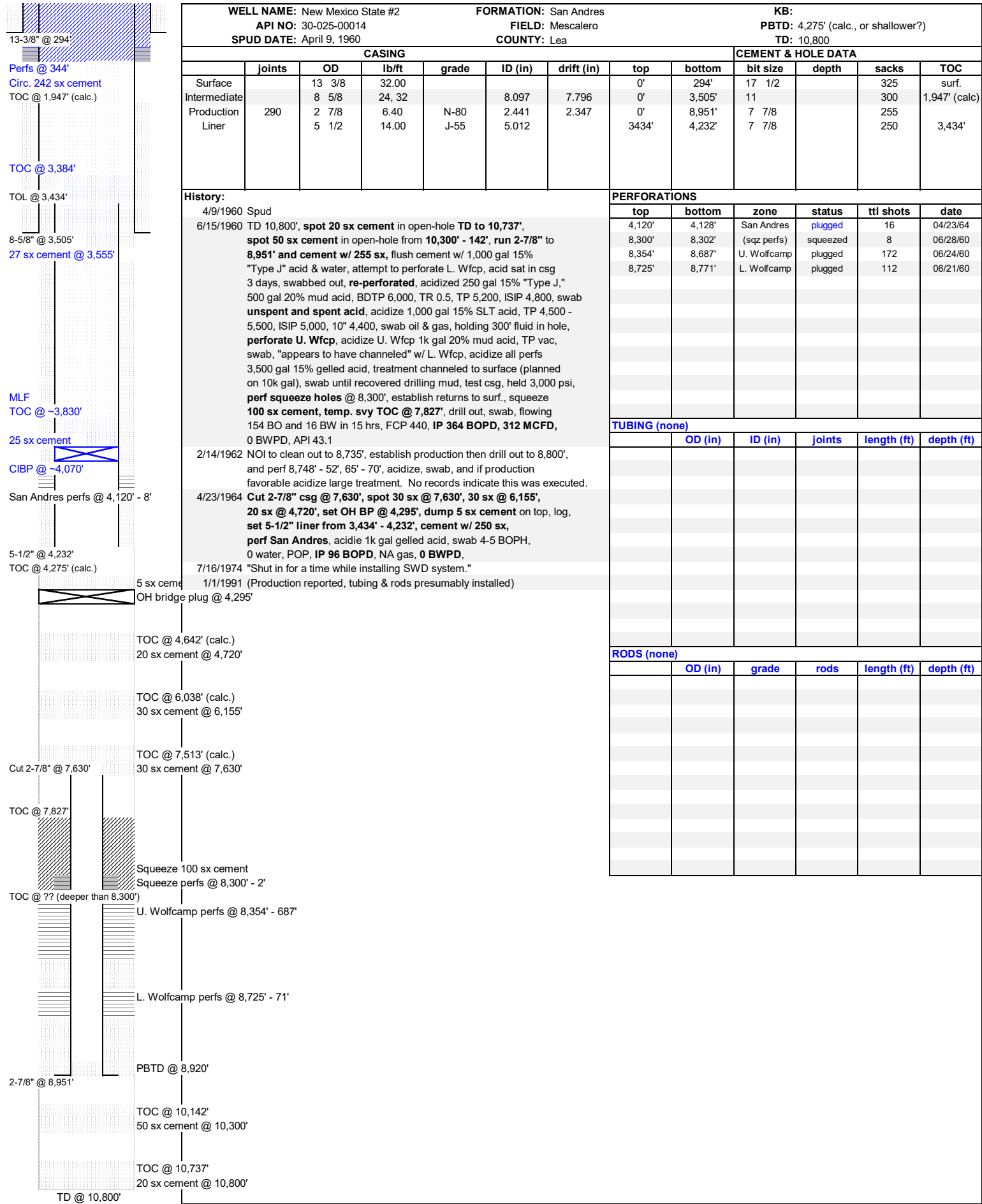
Pumper: Martel Ramirez (575) 399-0283

## New Mexico State #2



JR Oil Ltd.

New Mexico State #2



## CONDITIONS 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 II 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) Cherry Canyon - Eddy County
  - L) Potash---(In the R-111-P Area (Page 3 & 4), 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

## R-111-P Area

### T 18S – R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

### T 19S – R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23. Sec 24. Sec 25 Unit D. Sec 26 Unit A- F. Sec 27 Unit A,B,C,F,G,H.

### T 19S – R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec 10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec 24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32 Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

### T 19S – R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

### T 20S – R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec 23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit A-H. Sec 36 Unit B-G.

### T 20S – R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P. Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

### T 20S – R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P. Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

### T 21S – R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec 23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

### T 21S – R 30E

Sec 1 – Sec 36

### T 21S – R 31E

Sec 1 – Sec 36

### T 22S – R 28E

Sec 36 Unit A,H,I,P.



**T 22S – R 29E**

Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

**T 22S – R 30E**

Sec 1 – Sec 36

**T 22S – R 31E**

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25 Unit A,B,C,D. Sec 26 Unit A,BC,D,G,H. Sec 27 – Sec 34.

**T 23S – R 28E**

Sec 1 Unit A

**T 23S – R 29E**

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33 Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

**T 23S – R 30E**

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec 33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

**T 23S – R 31E**

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec 34. Sec 35 Unit C,D,E.

**T 24S – R 29E**

Sec 2 Unit A, B, C, D. Sec 3 Unit A

**T 24S – R 30E**

Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11. Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

**T 24S – R 31E**

Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec 35 Unit E – P. Sec 36 Unit E,K,L,M,N.

**T 25S – R 31E**

Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

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  - F) Delaware
  - G) Any salt sections
  - H) Abo
  - I) Glorieta
  - J) Yates.
  - K) Cherry Canyon - Eddy County
  - L) Potash---(In the R-111-P Area (Page 3 & 4), 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.
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#### SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

## R-111-P Area

### T 18S – R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

### T 19S – R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23. Sec 24. Sec 25 Unit D. Sec 26 Unit A- F. Sec 27 Unit A,B,C,F,G,H.

### T 19S – R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec 10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec 24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32 Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

### T 19S – R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

### T 20S – R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec 23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit A-H. Sec 36 Unit B-G.

### T 20S – R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P. Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

### T 20S – R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P. Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

### T 21S – R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec 23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

### T 21S – R 30E

Sec 1 – Sec 36

### T 21S – R 31E

Sec 1 – Sec 36

### T 22S – R 28E

Sec 36 Unit A,H,I,P.

**T 22S – R 29E**

Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

**T 22S – R 30E**

Sec 1 – Sec 36

**T 22S – R 31E**

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25 Unit A,B,C,D. Sec 26 Unit A,BC,D,G,H. Sec 27 – Sec 34.

**T 23S – R 28E**

Sec 1 Unit A

**T 23S – R 29E**

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33 Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

**T 23S – R 30E**

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec 33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

**T 23S – R 31E**

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec 34. Sec 35 Unit C,D,E.

**T 24S – R 29E**

Sec 2 Unit A, B, C, D. Sec 3 Unit A

**T 24S – R 30E**

Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11. Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

**T 24S – R 31E**

Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec 35 Unit E – P. Sec 36 Unit E,K,L,M,N.

**T 25S – R 31E**

Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

# **J R Oil, Ltd.**

## **New Mexico State #2**

### **Plug & Abandon Procedure**

03/31/2023

1. MIRU plugging service.
2. Lay down all rods & tubing. J R Oil will inspect/reclaim.
  - a. Exercise care when handling rods - do not drop or hit rods on other metallic objects.
3. Set CIBP between collars @ +/- 4,070'.
4. Circulate well w/ MLF from CIBP.
5. Spot 25 sx cement @ CIBP, WOC 4 hrs, and tag.
  - a. All cement plugs shall be Class C neat unless approved by NMOCD
6. Spot **27** sx cement from 3,555', WOC 4 hrs, and tag.
7. Perforate 8-5/8 casing @ 344' and squeeze 242 sx cement or more, until cement is circulated to surface inside 8-5/8 and 13-3/8 x 8-5/8 annulus.
8. Cut off well head 3' beneath grade, top out/top off with cement, weld above ground marker, and back fill. Remove rig anchors.
9. Remove all underground piping and surface equipment. Remediate surface location per NMOCD.



# Information

## Well

Name: New Mexico State #2

API: 30-025-00014

Location: Unit K, section 11, T 10S, R 32E, 2,105' FSL, 1,604' FWL

Lat/long: 32.45924, -103.6463165

Directions: From Tatum travel West on Hwy 380 21.7 miles.

Turn north (right) on Button Mesa Rd., and travel 6.7 miles.

Turn East (right) on lease road, follow bend to south, then bend to east, dead end at the well.

## Contacts

Company Man in charge: TBD

Engineer: Ian Petersen (432) 634-4922

Production Foreman: Josh Latimer (575) 414-9188

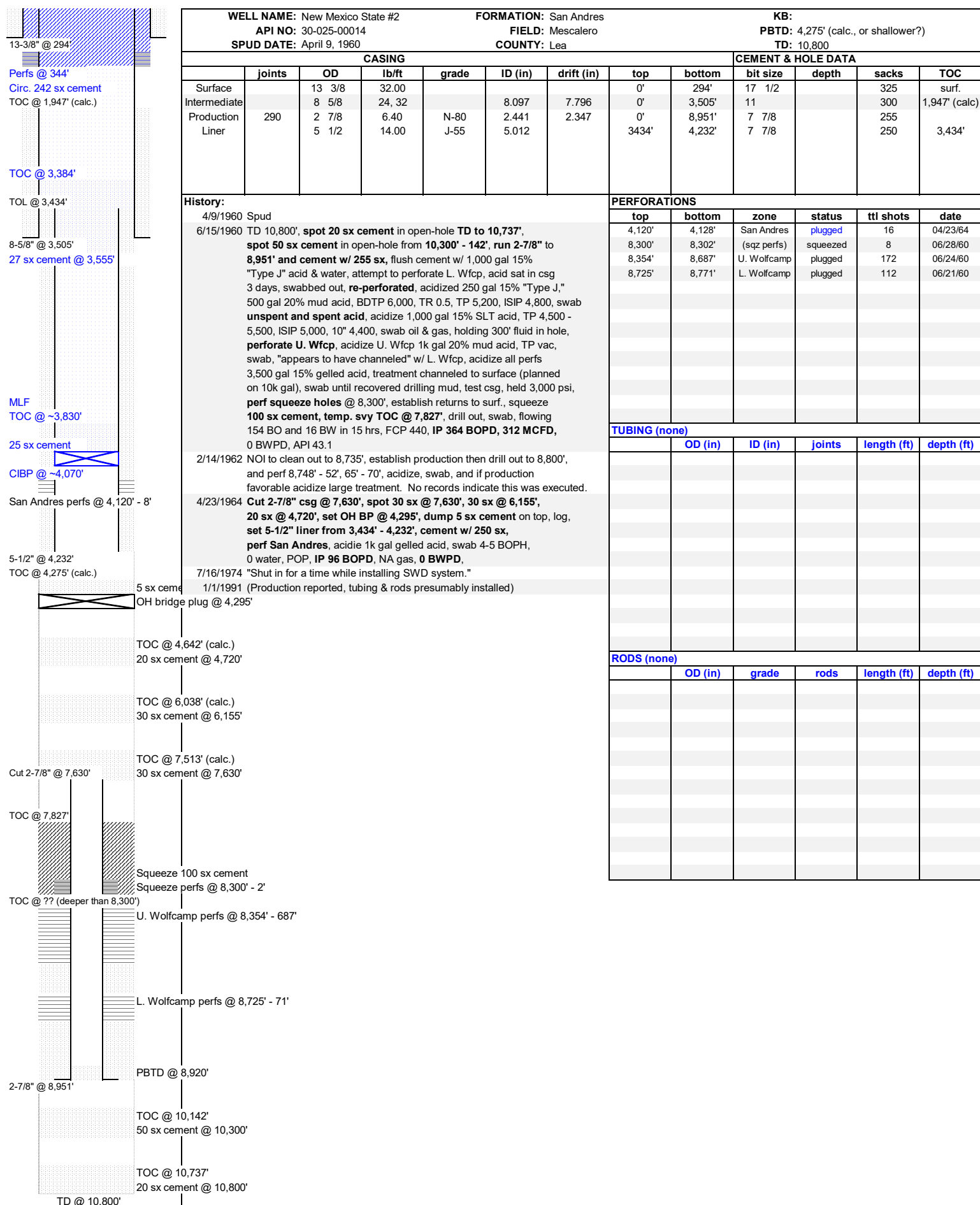
Pumper: Martel Ramirez (575) 399-0283

## JR Oil Ltd.

## New Mexico State #2

<div>13-3/8" @ 294'</div> <div>TOC @ 1,947' (calc.)</div> <div>TOL @ 3,434'</div> <div>8-5/8" @ 3,505'</div> <div>San Andres perfs @ 4,120' - 8'</div> <div>5-1/2" @ 4,232'</div> <div>TOC @ 4,275' (calc.)</div> <div>5 sx cement</div> <div>OH bridge plug @ 4,295'</div> <div>TOC @ 4,642' (calc.)</div> <div>20 sx cement @ 4,720'</div> <div>TOC @ 6,038' (calc.)</div> <div>30 sx cement @ 6,155'</div> <div>TOC @ 7,513' (calc.)</div> <div>30 sx cement @ 7,630'</div> <div>Cut 2-7/8" @ 7,630'</div> <div>TOC @ 7,827'</div> <div>Squeeze 100 sx cement</div> <div>Squeeze perfs @ 8,300' - 2'</div> <div>TOC @ ?? (deeper than 8,300')</div> <div>U. Wolfcamp perfs @ 8,354' - 687'</div> <div>L. Wolfcamp perfs @ 8,725' - 71'</div> <div>PBTD @ 8,920'</div> <div>2-7/8" @ 8,951'</div> <div>TOC @ 10,142'</div> <div>50 sx cement @ 10,300'</div> <div>TOC @ 10,737'</div> <div>20 sx cement @ 10,800'</div> <div>TD @ 10,800'</div>	<b>WELL NAME:</b> New Mexico State #2		<b>FORMATION:</b> San Andres		<b>KB:</b>								
	<b>API NO:</b> 30-025-00014		<b>FIELD:</b> Mescalero		<b>PBTD:</b> 4,275' (calc., or shallower?)								
	<b>SPUD DATE:</b> April 9, 1960		<b>COUNTY:</b> Lea		<b>TD:</b> 10,800								
	<b>CASING</b>								<b>CEMENT &amp; HOLE DATA</b>				
		<b>joints</b>	<b>OD</b>	<b>lb/ft</b>	<b>grade</b>	<b>ID (in)</b>	<b>drift (in)</b>	<b>top</b>	<b>bottom</b>	<b>bit size</b>	<b>depth</b>	<b>sacks</b>	<b>TOC</b>
	Surface		13 3/8	32.00				0'	294'	17 1/2		325	surf.
	Intermediate		8 5/8	24, 32		8.097	7.796	0'	3,505'	11		300	1,947' (calc.)
	Production	290	2 7/8	6.40	N-80	2.441	2.347	0'	8,951'	7 7/8		255	?
	Liner		5 1/2	14.00	J-55	5.012		3434'	4,232'	7 7/8		250	3,434' (calc.)
	<b>History:</b>							<b>PERFORATIONS</b>					
4/9/1960 Spud							<b>top</b>	<b>bottom</b>	<b>zone</b>	<b>status</b>	<b>tll shots</b>	<b>date</b>	
6/15/1960 TD 10,800', <b>spot 20 sx cement</b> in open-hole TD to 10,737',							4,120'	4,128'	San Andres	active	16	04/23/64	
<b>spot 50 sx cement</b> in open-hole from 10,300' - 142', run 2-7/8" to							8,300'	8,302'	(sqz perfs)	squeezed	8	06/28/60	
<b>8,951' and cement w/ 255 sx</b> , flush cement w/ 1,000 gal 15%							8,354'	8,687'	U. Wolfcamp	plugged	172	06/24/60	
"Type J" acid & water, attempt to perforate L. Wfcp, acid sat in csg							8,725'	8,771'	L. Wolfcamp	plugged	112	06/21/60	
3 days, swabbed out, <b>re-perforated</b> , acidized 250 gal 15% "Type J,"													
500 gal 20% mud acid, BDTP 6,000, TR 0.5, TP 5,200, ISIP 4,800, swab													
<b>unspent and spent acid</b> , acidize 1,000 gal 15% SLT acid, TP 4,500 -													
5,500, ISIP 5,000, 10" 4,400, swab oil & gas, holding 300' fluid in hole,													
<b>perforate U. Wfcp</b> , acidize U. Wfcp 1k gal 20% mud acid, TP vac,													
swab, "appears to have channeled" w/ L. Wfcp, acidize all perfs													
3,500 gal 15% gelled acid, treatment channeled to surface (planned													
on 10k gal), swab until recovered drilling mud, test csg, held 3,000 psi,													
<b>perf squeeze holes @ 8,300'</b> , establish returns to surf., squeeze													
<b>100 sx cement, temp. svy TOC @ 7,827'</b> , drill out, swab, flowing													
154 BO and 16 BW in 15 hrs, FCP 440, <b>IP 364 BOPD, 312 MCFD,</b>													
0 BWPD, API 43.1													
2/14/1962 NOI to clean out to 8,735', establish production then drill out to 8,800',													
and perf 8,748' - 52', 65' - 70', acidize, swab, and if production													
favorable acidize large treatment. No records indicate this was executed.													
4/23/1964 <b>Cut 2-7/8" csg @ 7,630', spot 30 sx @ 7,630', 30 sx @ 6,155',</b>													
<b>20 sx @ 4,720', set OH BP @ 4,295', dump 5 sx cement</b> on top, log,													
<b>set 5-1/2" liner from 3,434' - 4,232', cement w/ 250 sx,</b>													
<b>perf San Andres</b> , acidie 1k gal gelled acid, swab 4-5 BOPH,													
0 water, POP, <b>IP 96 BOPD</b> , NA gas, <b>0 BWPD</b> ,													
7/16/1974 "Shut in for a time while installing SWD system."													
1/1/1991 (Production reported, tubing & rods presumably installed)													

## New Mexico State #2



**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 204486

COMMENTS

Operator: J R OIL, LTD. CO. P.O. Box 52647 Tulsa, OK 74152	OGRID: 256073
	Action Number: 204486
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	4/10/2023

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	Action Number: 204486
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached COA	4/5/2023