

Operator Copy

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator E.G.L. Resources, Inc.

3a. Address P.O. Box 10886
Midland, TX 79702

3b. Phone No. (include area code)
(432) 687-6560

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL & 920' FWL, Sec. 7, Twp. 23-S, Rge. 25-E

5. Lease Serial No. NM 05808C

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.
Rock Tank Unit (NM 71026A)

8. Well Name and No.
Rock Tank Unit #1

9. API Well No. 30-015-20095

10. Field and Pool or Exploratory Area
Rock Tank Upper & Lower Morrow

11. Country or Parish, State
Eddy County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" 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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Hydraulic Fracturing <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 type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input checked="" 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 recomple 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

SUMMARY OF PROPOSED OPERATIONS:

- MIRU. ND wellhead. NU BOPE. Test tbg. Tally OOH w/ tbg.
- Set CIBP @ 9,900'. Set 322' cmt plug f/ 9,900' - 9,578' w/ 40 sxs Cl. "H" cmt. WOC & tag. (Morrow)
- Circulate wellbore with 9 ppg mud.
- Perf csg @ 8,810'. Sqz w/ 60 sxs Cl. "H" cmt leaving 207' cmt plug f/ 8,810' - 8,603'. WOC & tag. (Strawn)
- Perf csg @ 7,848'. Sqz w/ 60 sxs Cl. "H" cmt leaving 207' cmt plug f/ 7,848' - 7,641'. WOC & tag. (Wolfcamp)
- Perf csg @ 4,850'. Sqz w/ 50 sxs Cl. "C" cmt leaving 217' cmt plug f/ 4,850' - 4,633'. WOC & tag.
- Perf csg @ 4,250'. Sqz w/ 50 sxs Cl. "C" cmt leaving 217' cmt plug f/ 4,250' - 4,033'. WOC & tag. (Boze Spring)
- Perf csg @ 2,476'. Sqz w/ 50 sxs Cl. "C" cmt leaving 207' cmt plug f/ 2,476' - 2,269'. WOC & tag. Call BLM Carlsbad Office to witness tag. (Shoe)
- Perf csg @ 1,830'. Sqz w/ 30 sxs Cl. "C" cmt leaving 122' cmt plug f/ 1,783' - 1,660'. WOC & tag. (Delaware)
- Perf csg @ 60'. Sqz w/ 15 sxs Cl. "C" cmt leaving 60' cmt plug f/ 60' - surface. ND BOPE.
- Dig out cellar. Cut off casing strings at base of cellar. Install P&A marker as designated by BLM officer. Fill in cellar.
- Clean location and move off location.

ATTACHMENTS:

- DETAILED PROCEDURE OF PROPOSED OPERATIONS
- WELLBORE DIAGRAM OF WELLBORE CURRENT STATUS
- WELLBORE DIAGRAM OF PROPOSED PLUGGED AND ABANDONED STATUS

Add. Perf @ 8415, SQZ H cmt to 8225. (CISCO)
WOC Tag.
Add. Perf. @ 1300, SQZ cmt to 1200. WOC
Tag (B-Capitan)
Add. Perf @ 700, SQZ cmt to 600 (T-Capitan)
WOC Tag.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

John A. Langhoff

Petroleum Engineer

Title

Signature

John A. Langhoff

Date

06/25/2020

Accepted for record - NMOCD gc 11/9/2021

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

James A. Jones

Title

SAET

Date

7-21-20

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

CFD

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.

(Instructions on page 2)

ROCK TANK UNIT NO. 1
660' FNL & 920' FWL, SEC 7, TWP 23S, RGE 25E, EDDY CO., NM
LAT: 32.3245544 LONG: -104.4406052
API NO. 30-015-20095

PLUG AND ABANDONMENT PROPOSED PROCEDURE:

1. Contact BLM office at 575-361-2822 at least 24 hours prior to commencing plugging operations.
2. MIRU. ND wellhead. Release Baker Model "FL" On-Off tool and lay down one joint. NU BOPE. Drop 2-7/8" standing valve. Load tubing and pressure test to 1,000 psi. Pull standing valve. POOH tallying tubing and lay down On-Off tool.
3. RIH w/ 5-1/2" CIBP on tubing and set at 9,900'. Release from CIBP and tag plug. Mix and pump 40 sxs Class "H" neat cement (16.4 ppg) to spot balanced plug on top of CIBP at 9,900'. Pull above cement top @ 9,578' (Top of Morrow formation @ 9,670'). WOC and tag.
4. Circulate wellbore with 9 ppg mud. Pressure test casing to 500 psi. PUH w/ tubing.
5. Perforate 5-1/2" casing at 8,810' (Top of Strawn formation @ 8,760'). Attempt to break circulation with 500 psi or less. Squeeze cement Strawn isolation perfs with 60 sxs Class "H" neat cement (16.4 ppg) displacing cement to 8,600'. Pull above cement w/ tubing. WOC and tag.
6. Perforate 5-1/2" casing at 7,848' (Top of Wolfcamp formation @ 7,798'). Attempt to break circulation with 500 psi or less. Squeeze cement Wolfcamp isolation perfs with 60 sxs Class "H" neat cement (16.4 ppg) displacing cement to 7,640'. Pull above cement w/ tubing. WOC and tag.
7. Perforate 5-1/2" casing at 4,850'. Attempt to break circulation with 500 psi or less. Squeeze cement casing isolation perfs with 50 sxs Class "C" neat cement (14.8 ppg) displacing cement to 4,632'. Pull above cement w/ tubing. WOC and tag.
8. Perforate 5-1/2" casing at 4,250' (Top of Bone Spring formation @ 4,200'). Attempt to break circulation with 500 psi or less. Squeeze cement casing isolation perfs with 50 sxs Class "C" neat cement (14.8 ppg) displacing cement to 4,032'. Pull above cement w/ tubing. WOC and tag.
9. Perforate 5-1/2" casing at 2,476' (50 ft. below surface csg shoe). Attempt to break circulation with 500 psi or less. Squeeze cement surface casing shoe with 50 sxs Class "C" neat cement (14.8 ppg) displacing cement to 2,268'. Pull above cement w/ tubing. WOC. Call BLM Carlsbad Field Office representative at (575) 361-2822 to witness tag of cement plug.
10. Perforate 5-1/2" casing at 1,783' (Top of Delaware @ 1,733'). Attempt to break circulation with 500 psi or less. Squeeze cement Delaware isolation perfs with 30 sxs Class "C" neat cement (14.8 ppg) displacing cement to 1,660'. Pull above cement with tubing. WOC and tag. POOH w/ tubing.
11. Perforate 5-1/2" casing at 60'. Mix and pump 15 sxs Class "C" neat cement (14.8 ppg) to circulate cement from 60' to surface. ND BOPE. Wash up equipment.
12. Surface Cap. All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least 1/4 inch thick and welded in place, or a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement as specified by the authorized officer. The well location and identity shall be permanently inscribed. A weep hole shall be left if a metal plate is welded in place.
13. The cellar shall be filled with suitable material as specified by the authorized officer and the surface restored in accordance with the instructions of the authorized officer.

Add 5b Perf @ 8415, SQZ Class H cement to 8225 (Cisco). WOC Tag
10a Perf @ 1300, SQZ cement to 1200. WOC Tag (B-Cap. Tag)
10b Perf @ 700, SQZ cement to 600. WOC Tag (T-Cap. Tag)

WELL DATA SHEET

FIELD: Rock Tank

WELL NAME: Rock Tank Unit #1

FORMATION: Upper & Lower Morrow

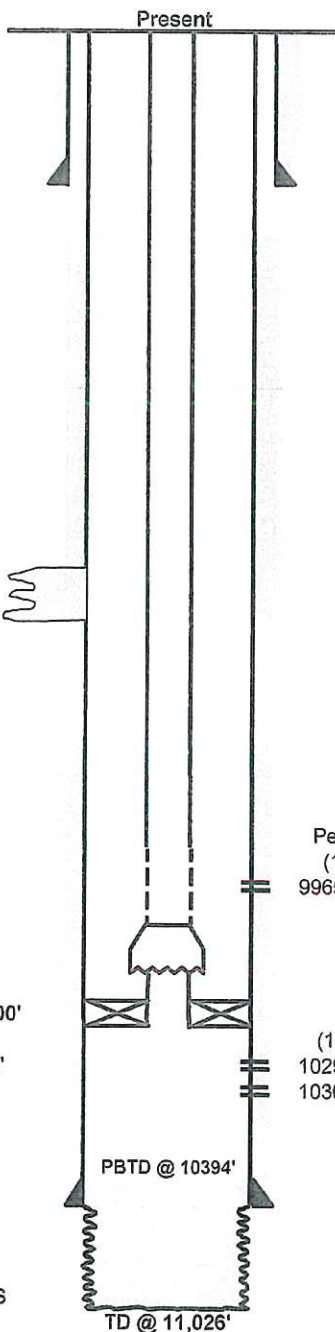
LOC: 660' FNL & 920' FWL
SEC: 7
TWP: 23-S RGE: 25-E

COUNTY: Eddy
STATE: NM

GL: 3943'
KB to GL: 19.0'
DF to GL: 18.0'

CURRENT STATUS: Producer
API NO: 30-015-20095

8-5/8", 24 #/ft, J-55 csg
set @ 2426' w/ 550 sxs.
Top job from 800' with
400 sxs cmt in 10 stages
bringing TOC to surf.
12-1/4" hole.



Formation Tops:

Delaware @	1733'
Bone Springs @	4200'
3-rd Bone Springs @	7423'
Wolfcamp @	7798'
Cisco (Penn) @	8308'
Canyon @	8365'
Strawn @	8760'
Atoka @	9286'
Morrow Lime @	9670'
Upper Morrow @	9957'

Tubing Detail: (5/23/2011)

KBTH:	19.00
1 Jt. 2-7/8", 6.5 #/ft, N-80, 8-rd EUE w/ AB Modified Cplgs	31.60
1 - 2-7/8" x 6', 6.5 #/ft, N-80, 8-rd EUE tubing sub	6.25
1 - 2-7/8" x 10', 6.5 #/ft, N-80, 8-rd EUE tubing sub	10.25
72 Jts. 2-7/8", 6.5 #/ft, N-80, 8-rd EUE w/ AB Modified Cplgs	2,266.24
249 Jts. 2-7/8", 6.5 #/ft, J-55, 8-rd EUE w/ AB Modified Cplgs	7,847.96
1 - 2-7/8" Seat Nipple w/ 2.25" ID	1.10
1 - 2-7/8" x 4', 6.5 #/ft, J-55, 8-rd EUE <u>PERFORATED</u> sub	4.10
1 - Baker "FL" On-Off tool	1.50
1 - Baker Model "F" 45-30 pkr w/ 3.00" bore w/ 2.375" ID thru seals	12.00
End of Tubing:	10,200.00

Csg leak 4080' - 4655'
cmt sqz'd w/ 500 sxs.

TOC @ 8920'

U. Morrow Perfs 9965' - 78'

Perfs (1 spf)
(14 holes)
9965' - 78'

Baker Model "F" pkr @ 10,200'

L. Morrow Perfs 10290' - 324'

(128 holes)
10290' - 98'
10308' - 24'

5-1/2", 17 #/ft, N-80, set @
10,472' w/ 500 sxs cmt.
TOC @ 8920'. 7-7/8" Hole.

PBTD @ 10394'

Devonian Formation

FILE: RT_1_DIA Current.XLS
JAL 06-25-2020

TD @ 11,026'

WELL DATA SHEET

FIELD: Rock Tank

WELL NAME: Rock Tank Unit #1

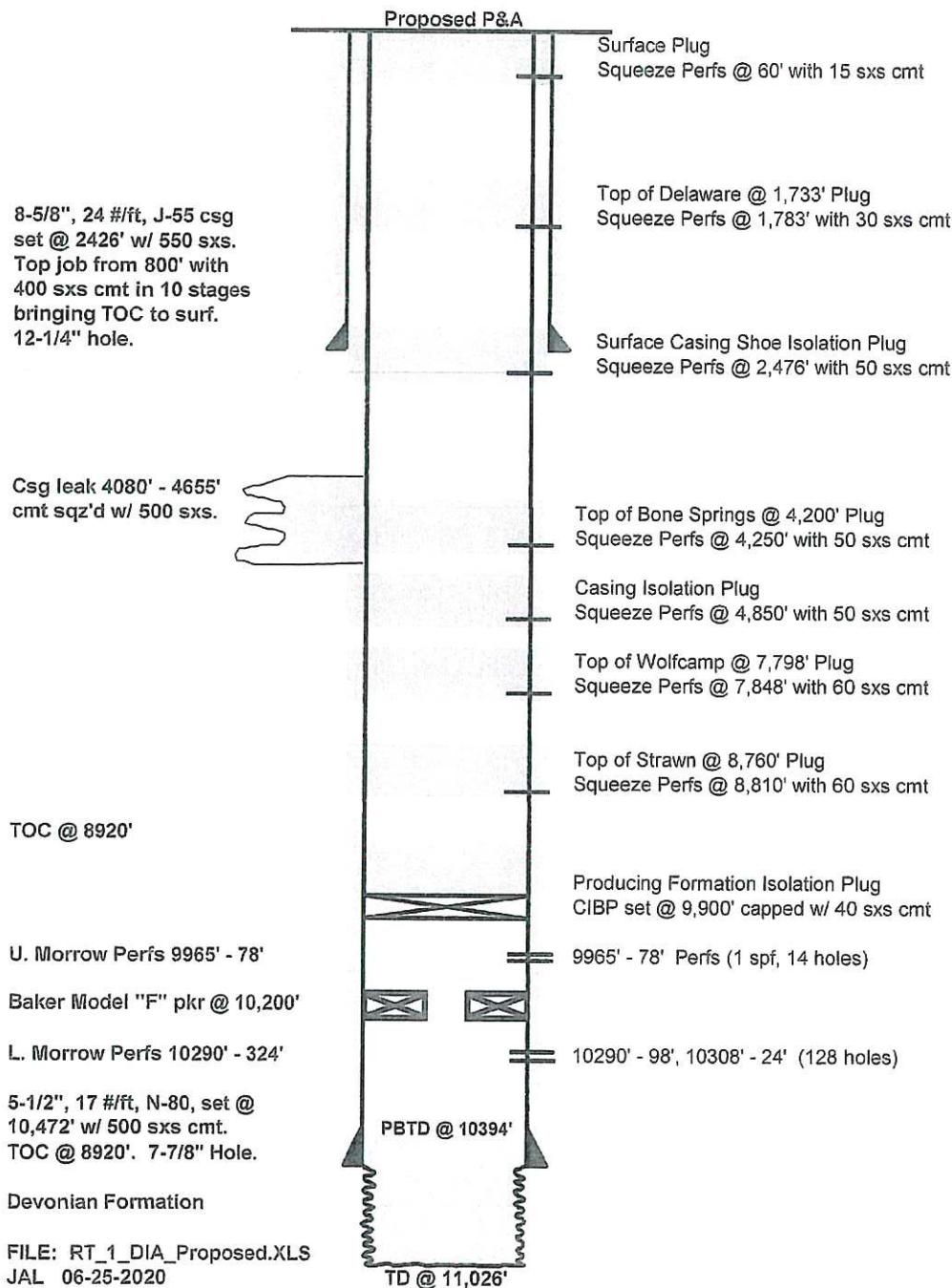
FORMATION: Upper & Lower Morrow

LOC: 660' FNL & 920' FWL
SEC: 7
TWP: 23-S RGE: 25-E

COUNTY: Eddy
STATE: NM

GL: 3943'
KB to GL: 19.0'
DF to GL: 18.0'

PROPOSED STATUS: P&A'd
API NO: 30-015-20095



BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

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

CONDITIONS

Action 59964

CONDITIONS

Operator: E G L RESOURCES INC P.O. Box 10886 Midland, TX 79702	OGRID: 173413
	Action Number: 59964
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	11/9/2021