

State of New Mexico  
 Energy, Minerals and Natural Resources  
 Phone: (505) 476-3441  
 General Information  
 Phone: (505) 629-6116

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

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

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

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. 30-005-00887
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 type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator GREAT WESTERN DRILLING COMPANY		6. State Oil & Gas Lease No.
3. Address of Operator PO BOX 1659, MIDLAND, TX 79702		7. Lease Name or Unit Agreement Name ROCK QUEEN UNIT
4. Well Location P Unit Letter _____ : 660 _____ feet from the SOUTH _____ line and 660 _____ feet from the EAST _____ line 27 Section 13-S Township 31E Range NMPM CHAVES County		8. Well Number #33
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,424' GL		9. OGRID Number
		10. Pool name or Wildcat CAPROCK; QUEEN

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.

MIRU Unit

1. If necessary, kill well and ND wellhead. NU BOP
2. Release packer and POOH w/ tubing and packer
3. Fill hole to surface with fresh water
4. RIH w/ wireline and tag and confirm PBTD.
5. RU and run GR / CCL / CBL well log
6. Perform MIT on 4"
7. RDMO unit
8. Prepare and submit remaining Plug and Abandonment procedure

Spud Date: APRIL 9, 1955

Rig Release Date: APRIL 21, 1955

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

SIGNATURE 

TITLE CONTRACT CONSULTING PETROLEUM ENGINEER DATE 9-9-2025

Type or print name BILLY W. HARRIS  
 For State Use Only

E-mail address: engineer3@gwdc.com

PHONE: 432-682-5241

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 Conditions of Approval (if any): \_\_\_\_\_

Form 3160-5  
(October 2024)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0220  
Expires: October 31, 2027**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.**

5. Lease Serial No. NM-04365

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator GREAT WESTERN DRILLING COMPANY, LLC.

3a. Address 700 W. LOUISIANA, MIDLAND, TEXAS 79702

3b. Phone No. (include area code)  
(432) 682-5241

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

990' FSL &amp; 1650' FEL, UNIT LETTER O, SEC. 27, T13S, R31E, NMPM.

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. ROCK QUEEN UNIT #33

9. API Well No. 30-005-00890

10. Field and Pool or Exploratory Area  
CAPROCK; QUEEN11. Country or Parish, State  
CHAVES COUNTY, TEXAS

## 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 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 must 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 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 detennined that the site is ready for final inspection.)

- 1) MIRU unit.
- 2) If necessary, kill well and ND well head, NU BOPE.
- 3) Release packer and POOH w/ tubing and packer.
- 4) RIH w/ wireline to tag, and confirm, TD.
- 5) RIH w/ bailer and dump 2 sx "C" cement at TD sufficient for TOC above 3019'.
- 6) WOC and fill hole to surface with fresh water.
- 7) RIH w/ wireline and tag TOC to confirm PBTD.
- 8) RU and run GR/CCL/CBL well log.
- 9) Perform MIT on 5-1/2" casing.
- 10) RDMO unit.
- 11) Prepare and submit remaining Plug and Abandonment procedure.

Work to be performed within 60 days along with submitting plugging sundry

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

BILLY W. HARRIS

CONTRACT CONSULTING PETROLEUM ENGINEER

Title

Signature



Date

08/14/2025

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

Approved by

Petroleum Engineer

Title

Date

08/19/2025

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 RFO

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 QUEEN UNIT #33**

Others: originally **FEDERAL HINKLE #4**, later **ROCK QUEEN UNIT #27-\_\_\_**.  
 SEC: 27 O, T13S, R31E, 1650' FEL & 990' FSL  
 Chaves County, New Mexico

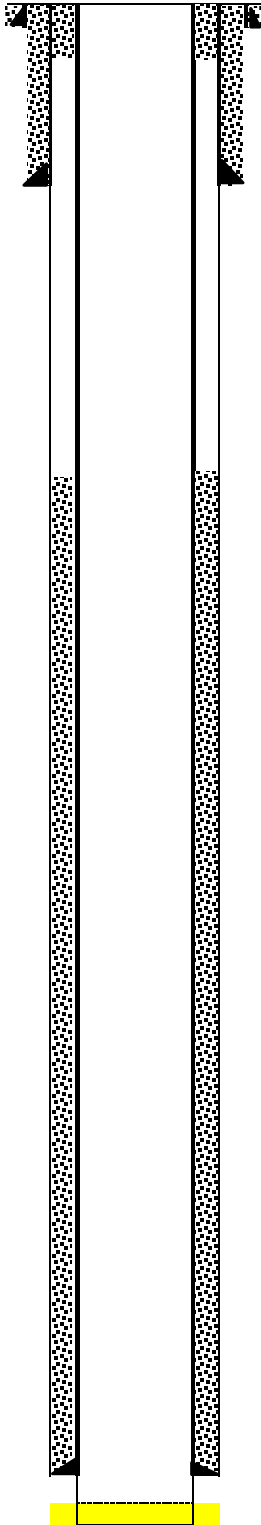
FEDERAL LSE: NM04385  
 API: 30-005-00890  
**AFE:** (internal GWDC)  
 SPUD: 11/19/1955  
 COMPL: 12/01/1955

ELEVATIONS

KB= 4423'

DF= 4421'

GL= 4414'



\_\_\_" Conductor set @ \_\_\_'.

\_\_\_" Hole to 326'.

8-5/8" 24# 8rd \_\_\_ csg (\_\_\_ jts) set @ 302'.  
 Cmt'd w/ 200 sx on 11/\_\_\_/1955.

TOC 8-5/8" @ \_\_\_ (returned \_\_\_ bbls).

\_\_\_" Hole 0'-3019' by rotary tools.

\_\_\_" Hole to 3019'-3029' by cable tool.

FORMATION	TOPS, KB
Red Beds	300'
Anhydrite+Shale	1450'
Salt+Anhydrite	1510'
Shale+Anhydrite	2150'
Sand+Shale	2280'
Sd, Sh, Lime Strgrs	2410'
Sand	3020
T/Queen	3020'
TD rotary tools	3027'
TD cable tools	3029'

TOC 5-1/2" @ \_\_\_' by \_\_\_ on \_\_\_/\_\_\_/\_\_\_.

5-1/2" AS1-X nickel-plated pkr w/ 1.5 "F" profile nipple (Globe Energy's)  
 set @ 2933'-2940' in 10k tension on 2-3/8", 4.7#, 8rd, EUE, J55,  
 regular IPC tbg, \_\_\_' (92 jts). Set on 06/07/2013.

**5-1/2" TIGHT SPOT/ CSG LEAK OPERATIONS - Mar 2011 & Jun 2013**

03/02/2011: 5-1/2" plastic-coated AD-1 tension RBP unable to pass 2792'.  
 03/03/2011: 4-3/4" csg swedge, 3-3/4" bmr sub, 3-3/4" hydr jars on 2-7/8" tbg wrk thru 2792' w/  
 up/dwn 30k-40k over string wt - unable to swedge out.  
 03/04/2011: 4-3/4" tapered mill, DC's on 2-7/8" tbg ream/wrk thru 2972' area. Slight bmp w/ 5-1/2" pkr run  
 pass-thru, POOH 20k over string wt @2792'; Reran twice w/o drag or add'l pull wt. Pkr set @2975',  
 +500# tst held ok. POOH, rplace pkr rubber, RIH w/ AD-1 pkr set @ 2975', 520# 30-min tst held ok.  
 03/07/2011: Ran req'd MIT @ 520# for 30-min w/ no press loss (BLM not witnessed) - charts sent to  
 BLM & NM OCD.  
 04/10/2012: Annual MIT req'd - tst'd 540# for 31 min - good tst, NM OCD witnessed charts to BLM  
 & NM OCD.  
 06/13/2013: Rls pkr, move up & set @ 2777 (had 4k overpull) tst tbg/csg annulus to 560# -leaked  
 to 530# in 30 min. Rls, PU, set @ 2935'; Tst 5-1/2" csg 0' - 2940' w/ 520#, leaked to 510# in 30 min.  
 06/07/2013: Set Pkr @ 2933'-2940'; tst tbg/csg annulus @ 570# for 15 min. w/ no # loss. NU Larkin head.  
 Pulled 10K tension on pkr. Installed 2" full-opening Al-Br tbg valve.  
 06/10/2013: Took 31 min. MIT @ 590# ending @580# NM OCD witness w/ chart copy to BLM.

5-1/2" 14# 8rd \_\_\_ csg (\_\_\_ jts) set @ 3026' KB.  
 Cmt'd w/ 100 sx "\_\_\_" on 11/\_\_\_/1955 (returned \_\_\_ bbls cmt to surface).

TD rotary tools @ 3019' on 11/\_\_\_/1955.

TD cable tools @ 3029' on 11/\_\_\_/1955.

TD = 3034' (appears in BLM Sundry report approved 03/31/2011).

BHT =No Record Found.

**NOTE: Yellow Highlighted Diagram Text denotes non-updated, missing, unverified, or unknown data.**

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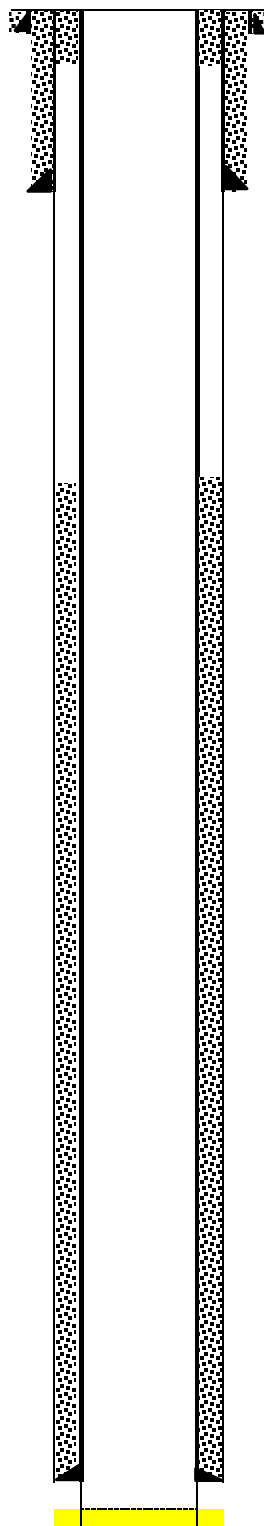
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Form 3160-5  
(October 2024)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
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OMB No. 1004-0220  
Expires: October 31, 2027**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No. NM-04365

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**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator GREAT WESTERN DRILLING COMPANY, LLC.

3a. Address 700 W. LOUISIANA, MIDLAND, TEXAS 79702  
3b. Phone No. (include area code)  
(432) 682-52414. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
990' FSL & 1650' FEL, UNIT LETTER O, SEC. 27, T13S, R31E, NMPM.

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8. Well Name and No. ROCK QUEEN UNIT #33

9. API Well No. 30-005-00890

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<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	
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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 must 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 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 detennined that the site is ready for final inspection.)

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Work to be performed within 60 days along with submitting plugging sundry

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

CONTRACT CONSULTING PETROLEUM ENGINEER

Title

Signature

Date

08/14/2025

## THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Petroleum Engineer

Title

Date

08/19/2025

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.

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(Instructions on page 2)

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/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 504245

CONDITIONS

Operator: GREAT WESTERN DRILLING CO P.O. Box 1659 Midland, TX 79701	OGRID: 9338
	Action Number: 504245
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	Notify the OCD inspection supervisor via email 24 hours prior to beginning Plug & Abandon (P&A) operations.	9/10/2025
loren.diede	Submit the CBL tif file to NMOCD for upload into the Well Log File.	9/10/2025