

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
Artesia

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC070337
2. Name of Operator REMANT OIL OPERATING LLC Contact: CARIE STOKER E-Mail: carie@stokeroilfield.com		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 5375 MIDLAND, TX 79704	3b. Phone No. (include area code) Ph: 432-695-6997	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 10 T14S R31E NESW 1890FSL 1980FWL		8. Well Name and No. DRICKEY QUEEN SAND UNIT 035
		9. API Well No. 30-005-01035
		10. Field and Pool or Exploratory Area CAPROCK-QUEEN
		11. County or Parish, State CHAVES COUNTY COUNTY, NM

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 recomplete 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 recompletion 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.

Remnant Oil Operating is planning on plugging the Drickey Queen Sand Unit #35 pending BLM approval. Please find attached a "Current Wellbore Diagram" as well as a "Proposed" post P&A wellbore diagram. This well will be plugged in accordance with the Bureau of Land Management's "Permanent Abandonment of Federal Wells: Conditions of Approval" (also attached)

*GC 10-9-18
Accepted for record - NMOCD*

RECEIVED

ENTERED
[Signature]

OCT 01 2018

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #433071 verified by the BLM Well Information System
For REMNANT OIL OPERATING LLC, sent to the Roswell
Committed to AFMSS for processing by JENNIFER SANCHEZ on 08/28/2018**

Name (Printed/Typed) CARIE STOKER	Title REG AFFAIRS COORDINATOR
Signature (Electronic Submission)	Date 08/28/2018

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date SEP 26 2018
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 BUREAU OF LAND MANAGEMENT CARIE STOKER FIELD OFFICE		

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)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #433071

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	ABD NOI	ABD NOI
Lease:	NMLC070337	NMLC070337
Agreement:		8910063990 (NMNM70935X)
Operator:	REMNANT OIL OPERATING LLC P.O. BOX 5375 MIDLAND, TX 79704 Ph: 432-242-4965	LEGACY RESERVES OPERATING PO BOX 10848 MIDLAND, TX 79702-7848 Ph: 432-689-5200
Admin Contact:	CARIE STOKER REG AFFAIRS COORDINATOR E-Mail: carie@stokeroilfield.com Ph: 432-695-6997	CARIE STOKER REG AFFAIRS COORDINATOOR E-Mail: carie@stokeroilfield.com Cell: 432-664-7659 Ph: 432-695-6997
Tech Contact:	CARIE STOKER REG AFFAIRS COORDINATOR E-Mail: carie@stokeroilfield.com Ph: 432-695-6997	CARIE STOKER REG AFFAIRS COORDINATOOR E-Mail: carie@stokeroilfield.com Cell: 432-664-7659 Ph: 432-695-6997
Location:		
State:	NM	NM
County:	CHAVES COUNTY	CHAVES
Field/Pool:	CAPROCK-QUEEN	CAPROCK-QUEEN
Well/Facility:	DRICKEY QUEEN SAND UNIT 035 Sec 10 T14S R31E NESW 1890FSL 1980FWL	DRICKEY QUEEN SAND UNIT 35 Sec 10 T14S R31E NESW Tract 10 1890FSL 1980FWL 33.115589 N Lat, 103.811700 W Lon

Remnant Oil Company

Current Wellbore Diagram

FIELD: Caprock
LEASE/UNIT: Drickey Queen Sand Unit
COUNTY: Chaves

DATE: 20-Aug-18

WELL: 35
STATE: New Mexico

Location: 1980' FSL & 1980' FWL, Sec 10K, T14S, R31E

KB = 4,272'

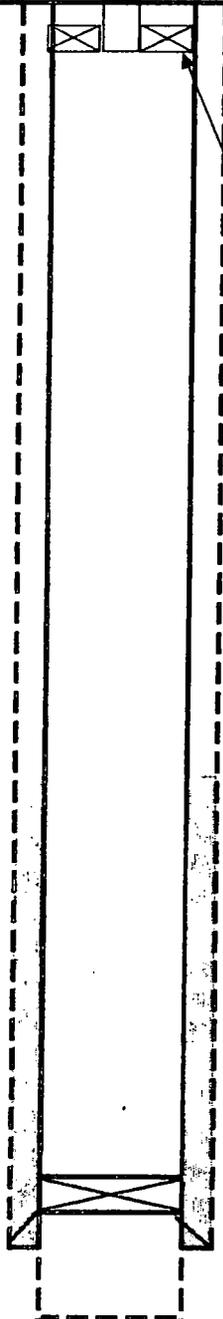
SPUD: 11/53 COMP: 11/53

GL =

CURRENT STATUS: Producer

API = 30-005-01035

Original Well Name: Phil - Mx #2



-- No Surface Casing was set -- The Sundry Notice dated 11-04-53 states that "No surface water has been encountered in offset wells, and permission was previously obtained to pull the surface pipe and cement around the top of the 5 1/2". Similar procedure will be followed on this well."

2-7/8" 6.5# J-55 production tubing and packer @ 100'

Calc'd TOC @ 2392'

CIBP @ 2800'

7" 20# @ 2875' w/100 sx

Top of Queen @ 2884'

Queen Open Hole: 2884' - 2893' (11-53)

PBTD - 2893'
TD - 2893'

Remnant Oil Company

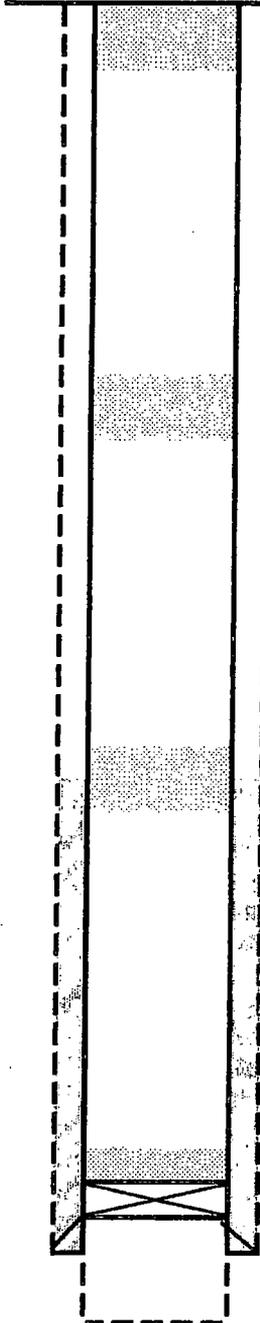
Proposed P&A Wellbore Diagram

FIELD: Caprock.
LEASE/UNIT: Drickey Queen Sand Unit
COUNTY: Chaves

DATE: 20-Aug-18
WELL: 35
STATE: New Mexico

Location: 1980' FSL & 1980' FWL, Sec 10K, T14S, R31E
SPUD: 11/53 COMP: 11/53
CURRENT STATUS: Producer
Original Well Name: Phil - Mx #2

KB = 4,272'
GL =
API = 30-005-01035



250' Perf!
Cmt Plug from 150'-0'
-- No Surface Casing was set -- The Sundry Notice dated 11-04-53 states that "No surface water has been encountered in offset wells, and permission was previously obtained to pull the surface pipe and cement around the top of the 5 1/2". Similar procedure will be followed on this well."

Cmt Plug from 1200'-1100' ✓

plug 1,400'-1,250'

Calc'd TOC @ 2392'
Cmt Plug from 2425'-2325'

2,392' - 1950'

Dump 25 sx cmt on top
CIBP @ 2800'
7" 20# @ 2875' w/100 sx

TAG

Top of Queen @ 2884':
Queen Open Hole: 2884' - 2893' (11-53)

PBTD - 2893'
TD - 2893'

**Drickey Queen Sand Unit 35
30-005-01035
Remnant Oil Operating, LLC
September 26, 2018
Conditions of Approval**

- 1. Operator shall Tag TOC at 2800'.**
- 2. Operator shall perf and squeeze at 2,392' and balanced Class C cement plug from 2,392'-1,850' to seal the top of the Yates Formation and bottom of Salt Formation. WOC and TAG.**
- 3. Operator shall place a balanced Class C cement plug from 1,400'-1,250' to seal the top of the Salt Formation. WOC and TAG.**
- 4. Operator shall set a balanced Class C plug at 1200'-1100' as proposed.**
- 5. Operator shall perf and squeeze at 250' bringing cement to surface to ensure there is cement behind pipe.**
- 6. See Attached for general plugging stipulations.**

JAM 092618

BUREAU OF LAND MANAGEMENT
Roswell Field Office
2909 W. Second Street
Roswell, New Mexico 88201
575-627-0272

General Requirements for Plug Backs

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 this approval.

If you are unable to plug back 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 back. Failure to do so will result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. Call 575-627-0205.

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. **Before pumping 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. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back 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 work was completed.**

7. **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.