

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.*5. Lease Serial No.
NMNM0330449

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
89100850108. Well Name and No.
INDIAN HILLS UNIT GAS COM 479. API Well No.
30-015-32536-00-S110. Field and Pool or Exploratory Area
INDIAN BASIN-UPPER PENN ASSOC11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
OXY USA WTP LIMITED PTNRSHIP Contact: DAVID STEWART
E-Mail: david_stewart@oxy.com

3a. Address

HOUSTON, TX 77210

3b. Phone No. (include area code)
Ph: 432-685-5717

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

Sec 29 T21S R24E NWSE 2316FSL 2004FEL

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.

Carlsbad Field Office
OCD Artesia

TD-8530' Perfs-7900-8200'

1. CIBP @ 7850' w/ 55sx cmt to 7600'

2. 40sx cmt @ 7000-6830' WOC-Tag

3. 35sx cmt @ 5200-5050' WOC-Tag

4. 65sx cmt @ 2600-2300' WOC-Tag

5. 25sx cmt @ 1270-1150' WOC-Tag

6. 160sx cmt @ 800' to surface

10# MLF between plugs ? Above ground steel tanks will be utilized

GC 8/22/19 RECEIVED
Accepted for record NMOCD

AUG 21 2019

Approved with conditions / Please see Attached COAs

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

Electronic Submission #462443 verified by the BLM Well Information System

For OXY USA WTP LIMITED PTNRSHIP, sent to the Carlsbad

Committed to AFMSS for processing by PRISCILLA PEREZ on 04/23/2019 (19PP1768SE)

Name (Printed/Typed) DAVID STEWART

Title SR. REGULATORY ADVISOR

Signature (Electronic Submission)

Date 04/23/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JEROMY PORTER

Title PETROLEUM ENGINEER

Date 05/03/2019

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 Carlsbad

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)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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Revisions to Operator-Submitted EC Data for Sundry Notice #462443

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	ABD NOI	ABD NOI
Lease:	NMNM0330449	NMNM0330449
Agreement:		8910085010 (NMNM70964A)
Operator:	OXY USA WTP LP P.O. BOX 50250 MIDLAND, TX 79710 Ph: 432-685-5717	OXY USA WTP LIMITED PTNRSHIP HOUSTON, TX 77210 Ph: 713.366.5360
Admin Contact:	DAVID STEWART SR. REGULATORY ADVISOR E-Mail: david_stewart@oxy.com Cell: 432-634-5688 Ph: 432-685-5717	DAVID STEWART SR. REGULATORY ADVISOR E-Mail: david_stewart@oxy.com Ph: 432-685-5717
Tech Contact:	DAVID STEWART SR. REGULATORY ADVISOR E-Mail: david_stewart@oxy.com Cell: 432-634-5688 Ph: 432-685-5717	DAVID STEWART SR. REGULATORY ADVISOR E-Mail: david_stewart@oxy.com Ph: 432-685-5717
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	INDIAN BASIN UP PENN	INDIAN BASIN-UPPER PENN ASSOC
Well/Facility:	INDIAN HILLS UNIT GAS COM 47 Sec 29 T21S R24E NWSE 2316FSL 2004FEL 32.449184 N Lat, 104.518410 W Lon	INDIAN HILLS UNIT GAS COM 47 Sec 29 T21S R24E NWSE 2316FSL 2004FEL

OXY USA WTP LP - Proposed
Indian Hills Unit Gas Com #47
API No. 30-015-32536

160sx @ 800'-Surface
180sx on to surface

25sx @ 1270-1150' WOC-Tag

65sx @ 2600-2300' WOC-Tag

2375-2075' Glanita Plug

35sx @ 5200-5050' WOC-Tag

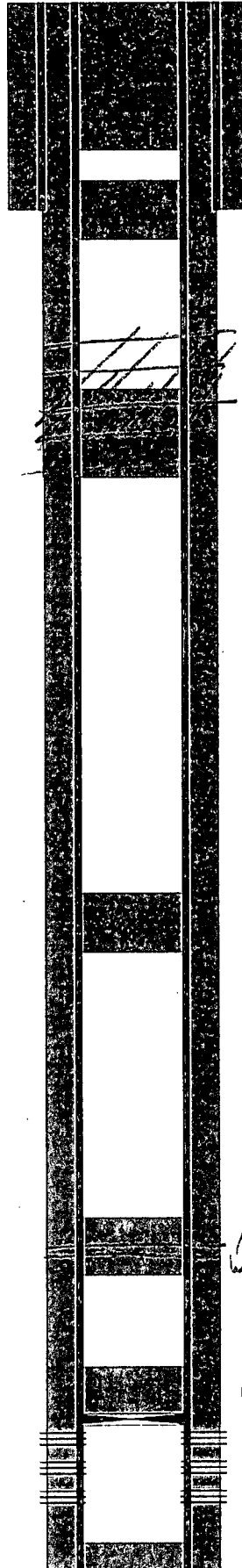
50sx @ 7000-6830' WOC-Tag

Good Plug

CIBP @ 7850' w/ 55sx to 7600'

Good Plug

PB-8509'



12-1/4" hole @ 1218'
9-5/8" csg @ 1218'
w/ 950sx-TOC-Surf-Circ

Glanita Top 2325'

Abo Top 6936'
Wolfcamp 6953'

Class H

Perfs @ 7900-8200'

8-3/4" hole @ 8530'
7" csg @ 8530'
w/ 1245sx-TOC-Surf-Circ

TD-8530'M 8204'V

INDIAN HILLS UNIT GAS COM #47
30-015-32536-00-S1
OXY USA WTP LIMITED PARTNERSHIP
Conditions of Approval

Well is within Medium/High/Critical Cave/Karst. A cement plug is required from 400 feet (a minimum of 50 feet below cave depth) to surface.

Operator to have H2S monitoring equipment on location as H2S has been reported in the area.

Plugging Procedure:

1. Plug 1 – Spot 55 sxs Class H neat at 7,850' on top of CIBP at 7,850'. Top of Perforated Zone 7,900'. WOC and tag at 7600' or shallower.
2. Plug 2 – Spot 50 sxs Class C neat at 7,003'. Top of Wolfcamp 6,953' / Top of Abo 6,936'. WOC and tag plug at 6,830' or shallower.
3. Plug 3 – Spot 35 sxs Class C neat at 5,200'. WOC tag plug at 5,050' or shallower.
4. Plug 4 – Spot 65 sxs Class C neat at 2,375'. WOC tag plug at 2,075 or shallower. Top of Glorieta at 2,325'.
5. Plug 5 – Spot 25 sxs Class C neat at 1,270'. WOC tag plug at 1,150' or shallower. Surface Casing Shoe at 1,218'.
6. Plug 6 – Spot 180 sxs Class C neat at 800'. Cement to Surface.

JJP05032019

**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. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): 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.** Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings 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 ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

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.