#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

OCD Artesia

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

#### 5. Lease Serial No. NMNM05525B

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.   |                        |                    |                  |                             | 6. If Indian, Affolice of Tribe Name            |                       |                  |  |
|---|------------------------|--------------------|------------------|-----------------------------|---|-----------------------|------------------|--|
| SUBMIT IN TRIPLICATE - Other instructions on reverse side.  |                        |                    |                  |                             | 7. If Unit or CA/Agreement, Name and/or No.     |                       |                  |  |
| Type of Well     Gas Well □ Other   |                        |                    |                  |                             | 8. Weli Name and No.<br>SOUTH LOCO HILLS UNIT 1 |                       |                  |  |
| 2. Name of Operator Contact: DAVID STEWART OXY USA INC. E-Mail: david_stewart@oxy.com   |                        |                    |                  |                             | 9. API Well No.<br>30-015-10242                 |                       |                  |  |
| 3a. Address       3b. Phone         P.O. BOX 50250       Ph: 432-         MIDLAND, TX 79710       Fx: 432-6   |                        |                    |                  |                             |   |                       |                  |  |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  |                        |                    |                  |                             | 11. County or Parish, and State                 |                       |                  |  |
| Sec 19 T18S R29E NENW 990FNL 2040FWL<br>32.757412 N Lat, 104.115128 W Lon   |                        |                    |                  |                             | EDDY COUNTY, NM                                 |                       |                  |  |
| 12. CHECK APPE  | ROPRIATE BOX(ES) TO    | ) INDICATE N       | IATURE OF 1      | NOTICE, RE                  | PORT, OR OTHE                                   | R DATA                |                  |  |
| TYPE OF SUBMISSION  | SION TYPE OF ACTION    |                    |                  |                             |   |                       | _                |  |
| Notice of Intent  | ☐ Acidize              | □ Deepen           |                  | ☐ Production (Start/Resume) |   | ■ Water Shut-Off      |                  |  |
| _   | ☐ Alter Casing         | ☐ Fractu           | □ Fracture Treat |                             | □ Reclamation                                   |                       | ■ Well Integrity |  |
| ☐ Subsequent Report ☐ Casing Repair   |                        | ■ New Construction |                  | ☐ Recomplete                |   | Other                 | r                |  |
| ☐ Final Abandonment Notice  | Change Plans           | Plug and Abandon   |                  | ☐ Tempora                   | □ Temporarily Abandon                           |                       |                  |  |
|   | ☐ Convert to Injection | ☐ Plug Back        |                  | □ Water D                   | isposal   |                       |                  |  |
| 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 shall be filled 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 shall be filled once testing has been completed. Final Abandonment Notices shall be filled only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)  TD-2432' PBTD-2430' Perfs-2358-2406'  8-5/8" 24# csg @ 161' w/ 8yd RM, 10" hole, TOC-Surf-Circ 5-1/2" 14# csg @ 2432' w/ 100sx, 7-7/8" hole; TOC-1662'-Calc  1. RIH & set CIBP @ 2308', M&P 55sx cmt to 1900' WOC-Tag 2. Perf @ 930' sqz 65sx cmt to 1135' WOC-Tag 3. Perf @ 930' sqz 65sx cmt to 1725' WOC-Tag 4. Perf @ 930' sqz 65sx cmt to surface 200 SQZ cm 7 SQZ |                        |                    |                  |                             |   |                       |                  |  |
| Electronic Submission #319741 verified by the BLM Well Information System For OXY USA INC., sent to the Carlsbad Committed to AFMSS for processing by LINDA DENNISTON on 10/16/2015 () Name (Printed/Typed) DAVID STEWART  Name (Printed/Typed) DAVID STEWART  Name (Printed/Typed) DAVID STEWART  RECLAMATION PROCEDURE ATTACHED   |                        |                    |                  |                             |   |                       |                  |  |
| Signature (Electronic Submission) Date 10/13/2015   |                        |                    |                  |                             |   |                       |                  |  |
|   | THIS SPACE FO          | OR FEDERAL         | OR STATE         | OFFICE U                    | SE  |                       |                  |  |
| Approved By James a. Come   |                        |                    | Title SPET       |                             | //<br>Dat                                       | /-/ <i>2-/5</i><br>te |                  |  |
| Conditions of approval, if any, are attache<br>certify that the applicant holds legal or equ<br>which would entitle the applicant to condi-   | Office (               | 40                 |                  |                             |   |                       |                  |  |
| Title 18 U.S.C. Section 1001 and Title 43<br>States any false, fictitious or fraudulent   |                        |                    |                  |                             | ke to any department or                         | agency of t           | ne United        |  |

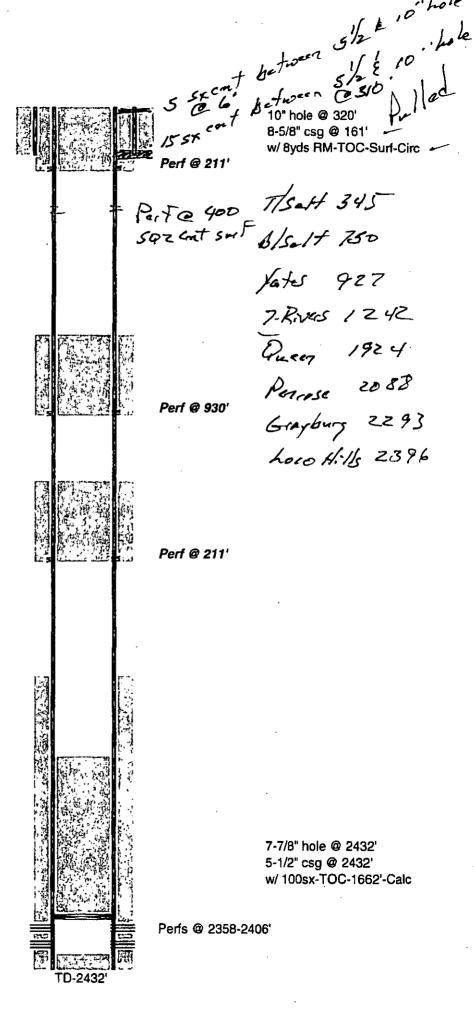
OXY USA Inc. - Proposed South Loco Hills Unit #1 API No. 30-015-10242

65sx @ 211'-Surface

65sx @ 930-725' WOC-Tag

35sx @ 1250-1135' WOC-Tag

CIBP @ 2308' w/ 55sx to 1900' WOC-Tag



OXY USA Inc. - Current South Loco Hills Unit #1 API No. 30-015-10242

> 10" hole @ 320' 8-5/8" csg @ 161' w/ 8yds RM-TOC-Surf-Circ

7-7/8" hole @ 2432' 5-1/2" csg @ 2432' w/ 100sx-TOC-1662'-Calc

Peris @ 2358-2406'

TD-2432'

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

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 1 6 2015

## Permanent Abandonment of Federal Wells Conditions of Approval

RECEIVED

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 <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> 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. <u>Notification:</u> 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. <u>Blowout Preventers</u>: 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. <u>Mud Requirement:</u> 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. <u>Cement Requirement</u>: 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 10<sup>th</sup> 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. <u>Subsequent Plugging Reporting:</u> 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. <u>Trash</u>: 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 procedure.

J. Amos 3/6/11



### BUREAU OF LAND MANAGEMENT

Carlsbad Field Office 620 E. Greené St. Carlsbad, New Mexico 88220-6292 . www.blm.gov/nm



In Reply Refer To: 1310

### **Reclamation Objectives and Procedures**

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its predisturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, redistribute the native soils, provide erosion control as needed, rip and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

- The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of
  Operations must include adequate measures for stabilization and reclamation of disturbed lands.
  Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD
  process as per Onshore Oil and Gas Order No. 1.
- 2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
- 3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
- 4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation

equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

- 5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
- 6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
- 7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos Supervisory Petroleum Engineering Tech 575-234-5909, 575-361-2648 (Cell)

Arthur Arias Énvironmental Protection Specialist 575-234-6230

Linda Denniston Environmental Protection Specialist 575-234-5974

Henryetta Price Environmental Protection Specialist 575-234-5951

Dara Glass Environmental Protection Specialist 575-234-5924

Shelly Tucker Environmental Protection Specialist 575-234-5979