

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

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.*

S

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1 Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2 Name of Operator

Pogo Producing Company

3a Address

P. O. Box 10340, Midland, TX 79702

3b Phone No. (include area code)

432-617-0208

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

1980 FNL, 1980 FEL

G-Sec. 12, T22S, R31E

5 Lease Serial No.

NM-12845

6 If Indian, Allottee or Tribe Name

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

8. Well Name and No.

SCL Federal #2

9 API Well No

30-015-24230 2

10 Field and Pool, or Exploratory Area

Red Tank, Atoka

11. County or Parish, State

Eddy County NM

12. CHECK 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"/> Fracture Treat | <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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

13 3/8 @ 740 circ. surface

10 3/4 @ 4534 Circ. surface

7 5/8 @ 11784 TOC 6047 calc.

5" L @ 11530 - 14826

1. RIH to 11580, circ. hole with mud laden fluid. Spot 35 sx Class H @ 11580-11480. WOC & Tag

2. POH to 9180, spot 30 sx class H @ 9130-9030.

3. POH to 6200, Perf & Sqz 65 sx class C @ 6200-6100. WOC & tag

4. POH to 4584, perf & sqz 65 sx Class C @ 4584-4484. WOC & tag

5. POH to 1350, perf & sqz 65 sx Class C @ 1350-1250. Tag.

6. POH w/ tbg. Perf 7 5/8 csg. @ 800' Sqz. 75 sx cmt 800 to 700. WOC tag.

7. POH to 100'. Circulate cmt. to surface. cut off well head. Install Dry Hole Marker.

Accepted for record
NMOCD

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Name (Printed/Typed)

Roger Brooks

Title **Agent**

Signature

Date **12/03/07**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Office

APPROVED

DEC 5 2007

Date **Wesley W. Ingram**
WESLEY W. INGRAM
PETROLEUM ENGINEER

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.

Appendix

ignore

13 3/8 hole 740
canal core

1350-1250

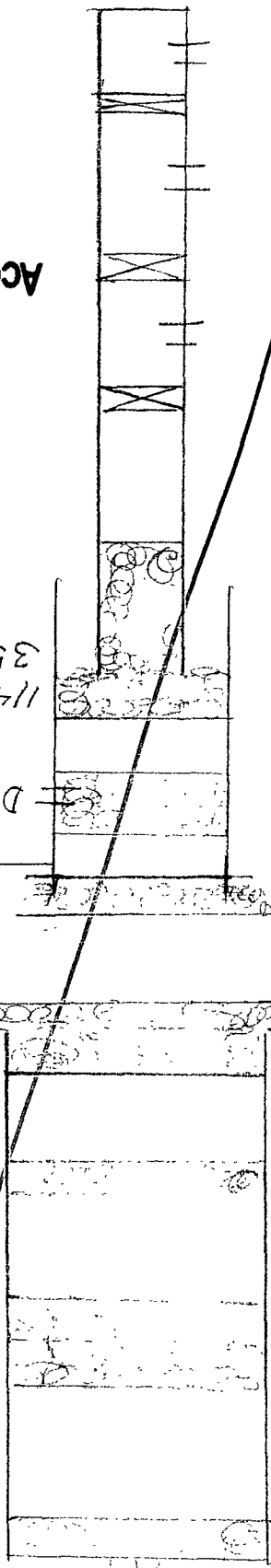
10 3/4 hole
4530

75/8 aug drill
TDC 7531

DV 7001

11480-11590
35 ay class H

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Section P+H

13 3/8-740'

10 3/4 4534

DV 7001-9130

700-11530'

5" liner

CIRP 13545

Per 50-13646-52

CIRP 14330

Per 50-14366-73

CIRP-14395

Per 50
4410-14759

T0-1482L



**SCL Federal #2
Pogo Producing Company
December 5, 2007
Plug and Abandonment Procedure
Conditions of Approval**

Revised procedure from original procedure submitted on May 22, 2007; no casing will be recovered.

0. Cement required on top of CIBP at 13545'. Pump minimum of 25 sack plug.
1. RIH to 11720' (top of Wolfcamp), circulate hole with minimum 9 ppg mud. Spot 35 sack Class H plug at 11720-11480'. WOC 4 hours and tag plug at 11480' or shallower. Plug will serve as Wolfcamp plug and plug for top of liner.
2. POH to 9180', plug to be 190' in length (100' plus 10% slurry for each 1000 feet of depth), approximately 45 sacks Class H.
 - a. Plug required at top of Bone Spring formation. Plug to be set from 8550-8365'. Plug to be 185' in length, approximately 45 sacks Class H.
3. POH to 6200', perforate and squeeze 65 sacks Class C from 6200-6040'. Tag not required.
4. POH to 4584', perforate and squeeze 65 sacks Class C from 4584-4440'. This will serve as top of Delaware plug and shoe plug. WOC 4 hours and tag plug.
 - a. Plug required at base of salt. Plug to be 140' in length and set at 3780-3640'. Perforate at 3780' and squeeze approximately 65 sacks of Class C. WOC 4 hours and tag.
 - b. Plug required at top of salt. Plug to be 130' in length and set at 2740-2610'. Perforate at 2740' and squeeze approximately 65 sacks of Class C. WOC 4 hours and tag.
 - c. Solid plug not required across salt since it is in Secretary's Potash.
5. Delete plug at 1350'.
6. POH to 800'. Perforate and attempt to establish circulation to surface. If circulation established, pump sufficient cement to circulate annulus to surface. WOC 4 hours and tag plug at 690' or shallower.
7. POH to 100'. If cement has been circulated in annulus between 7-5/8" and 10-3/4" casing, pump plug as proposed. If circulation not established, perforate at 100' and circulate cement to surface and fill 7-5/8" casing. Cut off wellhead and install dry hole marker.

WWI 120507

**Accepted for record
NMOCD**

**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.

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 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 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. In lieu of a cement plug in a cased hole, 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.

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 well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. 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 five 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 conditions of approval will be developed and furnished to you.

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UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220

Interim Reclamation Procedures for Permanently Abandoned Federal Wells

1. After Subsequent Report of Abandonment, Form 3160-5, is filed and approved by the BLM the surface protection specialist (SPS) will conduct a surface inspection of the abandonment. The SPS will establish the reclamation requirements the operator will need to complete. **DO NOT START RECLAMATION UNTIL THE SPS HAS INSPECTED THE LOCATION.**

2. The reclamation requirements will be given to an environmental protection specialist (EPS). The EPS will issue the operator a Notice of Written Order outlining the reclamation requirements. **DO NOT START RECLAMATION UNTIL A NOTICE OF WRITTEN ORDER FOR RECLAMATION HAS BEEN RECEIVED.** The EPS will be responsible for all further abandonment work and inspections.

3. **Notification: CONTACT THE EPS 3 DAYS PRIOR TO RECLAMATION WORK.** This notification gives the EPS an opportunity to discuss by phone or on location the reclamation requirements, any special concerns and the timeframes. It also allows the EPS an opportunity to witness various aspects of the reclamation work to determine if an adequate seedbed has been prepared and all reclamation requirements have been completed. **CONTACT THE EPS AT LEAST 3 DAYS PRIOR TO SEEDING.** This allows the EPS to witness the seeding operation to make sure the location is seeded properly and with the appropriate seed mixture. **DO NOT START RECLAMATION UNTIL THE EPS HAS BEEN NOTIFIED.**

4. After reclamation work has been completed, submit the **I & E copy of the Notice of Written Order** to the BLM. It will need to be signed by a company representative and dated. Also submit one original and five copies of the **Final Abandonment Notice, Form 3160-5.** The report should state that all reclamation work has been completed, and the location is ready for a final abandonment inspection.

5. The BLM will continue to monitor the location to ensure the location vegetates successfully, and salts from the reserve pit do not leach to the surface. The location will be monitored until such time as vegetation (20%) is established evenly across the location (including the reserve pit and access road). Once EPS determines that vegetation (20%) is evenly spread across the location, final abandonment will be authorized.

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

Jim Amos
Supervisory Environmental Protection Specialist
(575) 234-5909

Barry Hunt
Surface Protection Specialist
(575) 234-5965

Todd Suter
Surface Protection Specialist
(575) 234-5987

Trishia Bad Bear
Natural Resource Specialist – Lea County
(575) 393-3612

Cody Layton
Natural Resource Specialist
(575) 234-5959

Paul Evans
Environmental Protection Specialist
(575) 234-5977

Terry Gregston
Environmental Protection Specialist
(575) 234-5958

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10/18/2006