

Form 3160-5
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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.***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

PO Box 4130, Midland, TX 79704

3b. Phone No. (include area code)

432-685-8100

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

660 FNL & 660 FWL, Unit Letter D

Sec. 22, T-25-S, R-32-E, NMPM

5. Lease Serial No.

LC-062300

6. If Indian, Allottee or Tribe Name

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

Cotton Draw Unit

8. Well Name and No.

Cotton Draw Unit #4

9. API Well No.

30-025-08221

10. Field and Pool, or Exploratory Area

Paduca Delaware

11. County or Parish, State

Lea

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 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 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 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.)

7 5/8 @ 375 circ.

4 1/2 @ 4760. (existing CIBP @ 4600', 3693' of 4 1/2 csg. POH. 115 sx cmt plug set @ 4595 to 3700' 5/14/07)

1. MIRU plugging equipment.

2. NU BOP, RIH w/ tbg. and large existing plug @ 5100' from 1750'. Spot 45 sx cmt. plug.

3. Spot 45 sx plug @ 1150 - 881 - WOC and Tag (top of salt)

4. Spot 45 sx plug @ 425 - 54 (top)

5. Spot 10 sx surface plug.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

RECEIVED

JAN - 3 2008

HOBBS OCD

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

Name (Printed/Typed)

Roger Brooks

Title Agent

Date 12/27/07

Signature

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

OC DISTRICT SUPERVISOR/GENERAL MANAGER

Title

Office

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 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.

APPROVED

MAR 03 2008

DEC 27 2007

Date

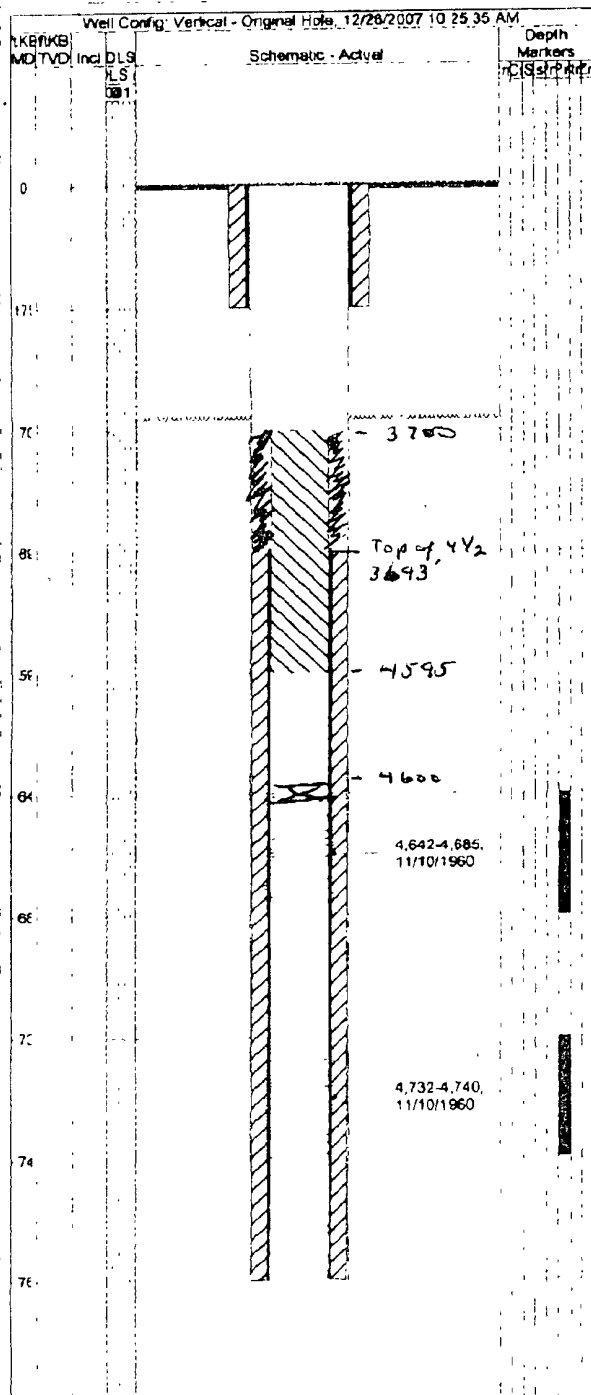
WESLEY W. INGRAM
PETROLEUM ENGINEER



Downhole Well Profile

Well Name: COTTON DRAW UNIT #4

Field Name	State	County	Well Configuration Type	Original KB Elevation (ft)	KB-Ground Distance (ft)
	New Mexico	Lea	Vertical	3,419.00	10.00
Type					
Description	Make	Model	V/P (psi)	Service	Top WP (psi)
					Top Ring Gasket
					Min Bore (in)



Casing Strings

Casing Description	OD (in)	Wt (lb/ft)	Grade	Top Thread	Set Depth (ftKB)
SURFACE	7 5/8	24.00	H-40		375
PRODUCTION	4 1/2	9.50	J-55		4,760

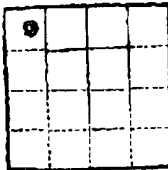
Perforations

Date	Top (ftKB)	Bottom (ftKB)	Zone
11/10/1960	4,642.0	4,685.0	
Status			
Plugged			
Date	Top (ftKB)	Bottom (ftKB)	Zone
11/10/1960	4,732.0	4,740.0	
Status			
Squeezed			

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Item Description	Jts	Make	Model
OD (in)	Wt (lb/ft)	Grade	Len (ft)
Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
Item Description	Jts	Make	Model
OD (in)	Wt (lb/ft)	Grade	Len (ft)

APPROVED

COPY TO O.C.G.

Form 9-551a
(Feb. 1951)

OCT 17 1960

HOBBS

(SUBMIT IN TRIPLICATE)

Budget Bureau No. 45-2284
Approval expires 12-31-60

Lead Office

Lease No.

LC-052300

Unit

COTTON DRAW

E. W. STANDLEY
DISTRICT ENGINEERUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY 11 50

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANE		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE OR OTHER DATA)

Lease No. 186466

G. E. Jordan Federal NCT-1

October 14, 1960

Well No. 1 is located 660 ft. from ^(N) line and 660 ft. from ^(W) line of sec. 22

1/4 Sec. 22

T-25-S

R-32-E

NMPN

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Undesignated

Leon County

New Mexico

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 3428 ft.

DETAILS OF WORK

(State nature of and expected depths to objective sands; show sizes, weights, and lengths of proposed casing; indicate casing joints, cementing points, and all other important proposed work)

FORMATION EXPECTED	7-5/8"	2 1/2"	NEW	CASING PROGRAM (AMOUNT)	300 gal.
Top of Sandstone	764'			325' at	
" " Salt	1150'	7-5/8"	24'	350'	300 gal.
" " Calc. Lime	4608'	4-1/2"	9.5'	4770'	150 (4 1/2 gal)
" " Calc. Sand	4638'				
Total Depth	4770'				

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXACO Inc.
P.O. Box 3109
Address Midland, Texas

TEXACO Inc.

By J. J. Valton
Title Division Civil Engineer

GPO 516907



Job Summary

Well Name: COTTON DRAW UNIT #4

API/OWN	Surface Legal Location	Well Configuration Type	Ground Elevation (ft)	KB Casing Flange Distance (ft)	KB Tubing Head Distance (ft)	Total Depth (ftKB)
3002508221	660' FNL & 660' FWL	Vertical	3,409.00			4,760.0
Type	Start Date	End Date	Total Fld Cost	Objective	Summary	
Developmental	10/1/1960	11/4/1960		D & C		
Casing Repair	4/14/2006	5/14/2006		PULL BAD CSG & LEAVE WELL FOR POSSIBLE HORIZONTAL REENTRY	RIG UP, LAY DOWN RODS, NU BOP, WELLHEAD LEANING, POH TUBING SET CIBP 4600' EM HOBBS, RUN CBL TO 350', TOC 3895, CHEMICAL CUT CSG 3845, WELD LIFT SUB, CSG PARTED 641', LATCH CSG, FREE 890, CHEMICAL CUT, POH CSG, GIH WASH PIPE, REVERSE CIR WATER COMING INTO CELLAR, LAY DOWN TUBING AND WASH PIPE, RIG DOWN RIG, DIG OUT 12'X12' HOLE, REPLACE 11' 7 5/8" CSG, FILL IN HOLE, MI RIG, WASH OVER CSG TO 1182, EM HOBBS FREEPOINT 1642, BACK OFF, POH, WASH OVER CONVENTIONAL TO 1786, FREEPOINT BACKOFF AT 2091, LAY DOWN CSG, WASH OVER 2062, FREEPOINT, POH 2470', WASH OVER TO 2210, FREEPOINT, BACK OFF AT 3546, POH WITH CSG, WASH OVER TO 3693, GIH OVERSHOT, LATCH 4 1/2" CSG, POH, LAY DOWN WASH PIPE, GIH WITH 2 3/8" TUBING, TO 4595, RIG UP B.J., PUMP 115 SKS C 15 CC, EST TOP OF CEMENT 3700', LAY DOWN TUBING, INSTALL 7 5/8" LARKIN WELLHEAD AND SAFETY SUB, RIG DOWN EUNICE WELL SERVICE	

8222

**Cotton Draw Unit #4
Pogo Producing Company
December 27, 2007
Plug and Abandonment Procedure
Conditions of Approval**

1. Ok
2. Existing plug has to be a minimum of 50' above the casing left in the hole. If the tag is not at 3640' or shallower, pump an additional 25 sacks of cement on top of the existing plug. ~~9.0~~^{9.5} ppg mud required between plugs per attached general P&A COA. Remainder of step okay.
3. Plug in this step is to be set at 1200' to be 50' below Top of Salt. Plug to be tagged at 1050' or shallower. WOC four hours.
4. Plug must be tagged at 300' or shallower. WOC four hours.
5. Plug must cover a minimum of 60' also. Calculation indicates 15 sacks for this plug.
6. Install dry hole marker and clean location.

WWI 122707

**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.



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

10/18/2006