

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. OIL CONSERVATION DIVISION

811 S. FIRST STREET

ARTESIA, NM 88210

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

**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

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Abo Petroleum Corporation

3a. Address  
PO Box 900, Artesia, NM 88211-0900

3b. Phone No. (include area code)  
575-748-4250

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980' FSL & 660' FWL

Serial No.  
NMNM17038

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.  
NMNM87871

8. Well Name and No.  
GP Federal Com #1

9. API Well No.  
30005628950000 30-00562895

10. Field and Pool or Exploratory Area  
Pecos Slope

11. County or Parish, State  
Chaves, 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"/> 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 recompleat 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 recompleat 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.)

1. MI RU WSC Rig up safety equipment as necessary. POOH with production equipment.

2. MI RU WL to set a CIBP at 3,722'. Spot a 25 sx class "C" plug from 3,362'-3,722'.

3. Load the hole with plugging mud and spot a 25 sx class "C" plug from 1,040' to 1,400'.

4. Load the hole with plugging mud and spot a 25 sx class "C" plug from 0' to 500'. This plug will be the surface casing shoe plug and the surface plug combine. WOC and tag plug; reset if necessary.

5. Cut off wellhead and install marker, clean up location as per regulated. Release Equipment.

Accepted for record  
2/21/2013  
NMOCD

**RECEIVED**  
FEB 21 2013  
NMOCD ARTESIA

APPROVED FOR 3 MONTH PERIOD  
ENDING MAY 08 2013

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Dan S Lewis

Title Treasurer

Signature

Date 01/16/2013

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

/S/ DAVID R. GLASS

PETROLEUM ENGINEER

FEB 08 2013

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

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 statement or representation in any matter within its jurisdiction.

(Instructions on page 1)

**CONDITIONS OF APPROVAL**

Verbal Regulatory approval \_\_\_\_\_

AFE approval \_\_\_\_\_

Regulatory approval \_\_\_\_\_

G.P. Federal Com # 1-21  
660' FSL & 660' FEL, Sec. 21-T19S-R25E  
Eddy County, New Mexico  
PLUGGING PROCEDURE

Call OCD in Artesia with a 24 hour notice before commencing operations

Surface Casing: 8 5/8" 24# set @ 863'. Cemented with 450 sx + 20 yds. redi-mix.  
Production Casing: 4-1/2" 10.5# set @ 4,300'. Cemented with 420 sx, (circ).

Perfs: Abo (3,772' - 3,780')  
Tops: Glorieta: 1,350'  
Abo: 3,636'

- 1.) MI RU WSC. Rig up safety equipment as necessary. POOH with production equipment.
- 2.) MI RU WL to set a CIBP at 3,722'. Spot a 25 sx class "C" plug from 3,362' - 3,722'.
- 3.) Load the hole with plugging mud and spot a 25 sx class "C" plug from 1,040' to 1,400'.
- 4.) Load the hole with plugging mud and spot a 50 sx class "C" plug from 0' to 500'. This plug will be the surface casing shoe plug and the surface plug combine. WOC and tag plug; reset if necessary.
- 5.) Cut off wellhead and install marker clean up location as per regulated. Release Equipment

Area Engineer 

date 1-14-13 

Mike Hill

January 14, 2013

MH/mydocs\Word\proposal\pa\GP fed 1-21 PA.doc

WELL NAME: Abo Petroleum G.P. Federal Com #1-21

FIELD: South Pecos Slope Abo

LOCATION: Unit L, 660' FSL/660' FEL, Sec 21, T9S, R25E

Chaves County

GL: 3562'

ZERO:

KB:

SPUD DATE: 4/29/92

COMPLETION DATE:

6/1/92

COMMENTS: API # 30-005-62895

CASING PROGRAM

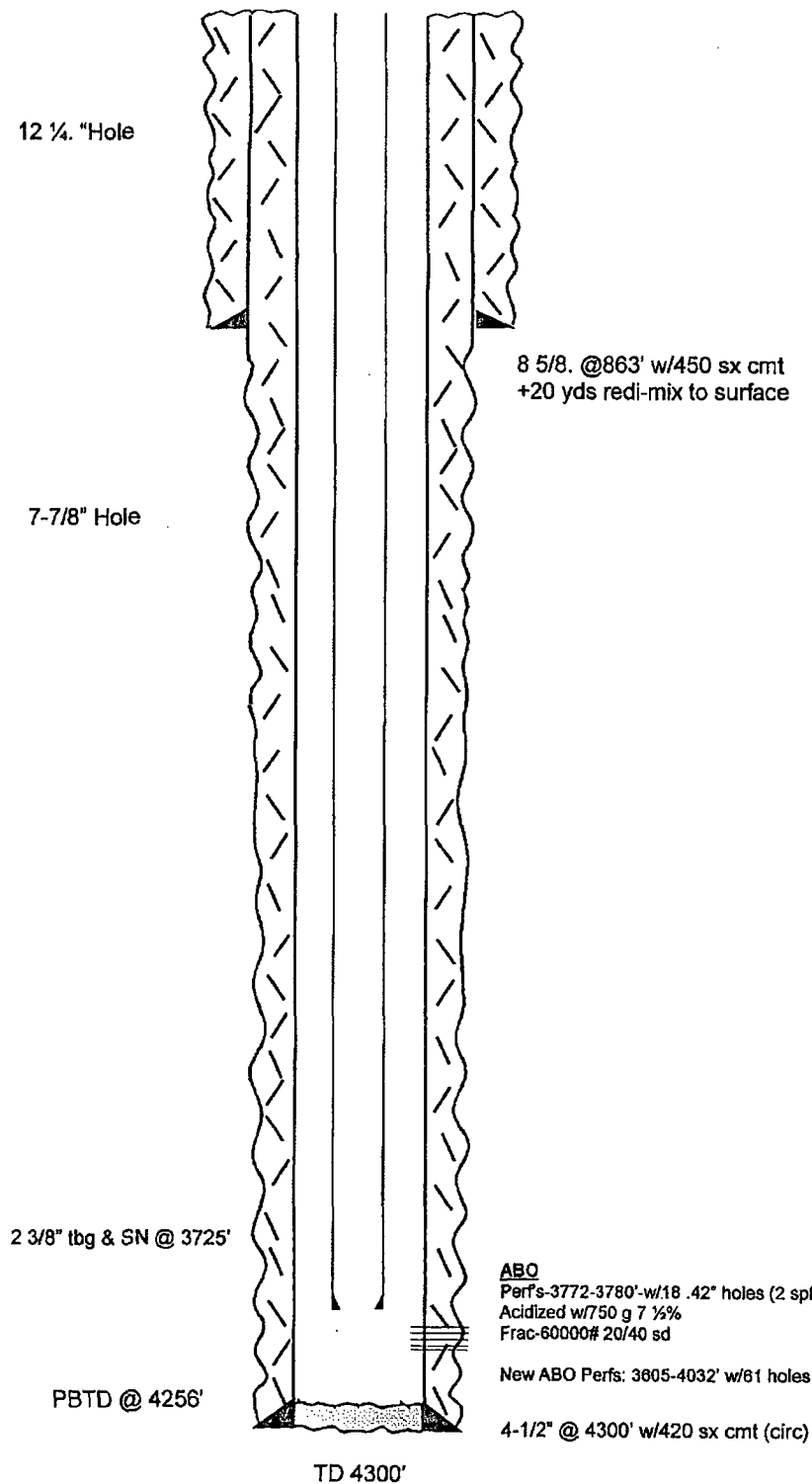
8 5/8" 24# J-55	863'
4 1/2" 10.5# J-55	4300'

Before

TOPS

Glorieta  
ABO

1350'  
3636'



Not to Scale  
1/14/13  
JMH

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GL: 3562' ZERO: KB:

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COMMENTS: API # 30-005-62895

CASING PROGRAM

8 5/8" 24# J-55	863'
4 1/2" 10.5# J-55	4300'

AFTER

TOPS

Glorieta 1350'  
ABO 3636'

12 1/4" Hole

7-7/8" Hole

8 5/8" @ 863' w/450 sx cmt  
+20 yds redi-mix to surface

50 sx cement plug 0' - 500'  
Across shoe and surface plug

25 sx cement plug 1,040' - 1,400'  
Across Glorieta Top

25 sx cement plug 3,362' - 3,722'  
CIBP @ 3,722'

ABO  
Perf's-3772-3780'-w/18 .42" holes (2 spf) shot on 5/16/92  
Acidized w/750 g 7 1/2%  
Frac-60000# 20/40 sd

New ABO Perfs: 3605-4032' w/61 holes

4-1/2" @ 4300' w/420 sx cmt (circ)

Not to Scale  
1/14/13  
JMH

PBTD @ 4256'

TD 4300'

**BUREAU OF LAND MANAGEMENT**

**Roswell Field Office  
2909 West Second Street  
Roswell, New Mexico 88201  
(575) 627-0272**

**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 90<sup>th</sup> day provide the BLM Roswell Field Office (RFO), prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when the BLM Roswell Field Office can expect the well to be plugged. Failure to do so will result in enforcement action. Unless the well has been properly plugged, the rig shall not be removed from over the hole without prior approval.**

2. **Notification:** Contact the BLM Roswell Field Office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, during office hours or after office hours call (575) 627-0205. Engineer on call during office hours phone (575) 627-0275 or phone (after hours) call (575) 626-5749.

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 9090 feet; a 3M system for a well not deeper than 13636 feet; and a 5M system for a well not deeper than 22727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at a 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 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 cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet 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 class "C" for up to 7500 feet of depth; mixed at 14.8 lbs./gal with 6.3 gallons of fresh water per sack or class "H" for deeper than 7500 feet plugs, mixed at 16.4 lbs./gal with 4.3 gallons of fresh water per sack.

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 the ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the 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 the BLM Roswell Field Office. 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.**

Following the submittal and approval of the Subsequent Report of Abandonment, a Notice of Intent for Final Abandonment with the proposed surface restoration procedure must be submitted for approval.