

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

OCT 29 2008

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
Apache Corporation (873) ✓

3a. Address 3b. Phone No. (include area code)
6120 S Yale Ave, Suite 1500 Tulsa OK 74136-4224 (918)491-4864

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)
660 FSL & 1980 FWL
UL N, Sec 8, T 21S, R 37E ✓

5. Lease Serial No
NMNM 90161

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Hawk B-1 #016 ✓

9. API Well No
30-025-26601 ✓

10. Field and Pool, or Exploratory Area
WSW; San Andres

11. County or Parish, State
Lea County, New Mexico ✓

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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input 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 shall 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 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.)

Amended NOI to include drilling out CIBP @ 4350'.
C-144 CLEZ attached to original NOI.

**SUBJECT TO LIKE
APPROVAL BY STATE**

This well is marginally producing from the Grayburg.
Apache proposes to convert this well to a water supply well via the following procedure:

1. MIRU
2. POOH w/ pumping equipment
3. Squeeze Grayburg perms 3744' - 3792'.
4. Drill out and test squeeze.
5. Drill out CIBP @ 4350'. Set new CIBP @ 4480'.
6. Perforate San Andres interval fr/ 4090' - 4470' as determined from log evaluation.
7. Acidize San Andres interval.
8. RIH w/ 2-7/8" production tubing and ESP to +/- 4000'.
9. Set up surface equipment.
10. Turn well on production as a San Andres Water Supply Well.

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

Sophie Mackay

Title Engineering Tech

Signature

Sophie Mackay

Date 10/06/2008

APPROVED

OCT 23 2008
/s/ JD Whitlock JrBUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

Date

Office

KW

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)

**AFTER RECOMPLETION AND TESTING
PLEASE SUBMIT 3160-4 COMPLETION
REPORT FOR THE San Andres
INTERVAL(S) WITHIN 30 DAYS**

Present

WELL DATA SHEET

Last Update: 9-16-08

Lease Name: Hawk B-1 #16

API No: 30-025-26601

Location: 660'S/1980'W
C-SE-SW, Sec 8, T-21S, R-37E

County: Lea ST: NM

Spud Date: 5-15-80 Well Elev: 3499' GL 14' KB

TD Date: 6-9-80 Completion Date: 8-25-80

TD: 6825' PBTD: 4350' TOC: Circ

Casing

Producing Formation: Grayburg

Size: 9 5/8"

Perfs: From 3744' to 92' 2/spf _____ to _____

Wt: 36*

_____ to _____ /spf _____ to _____

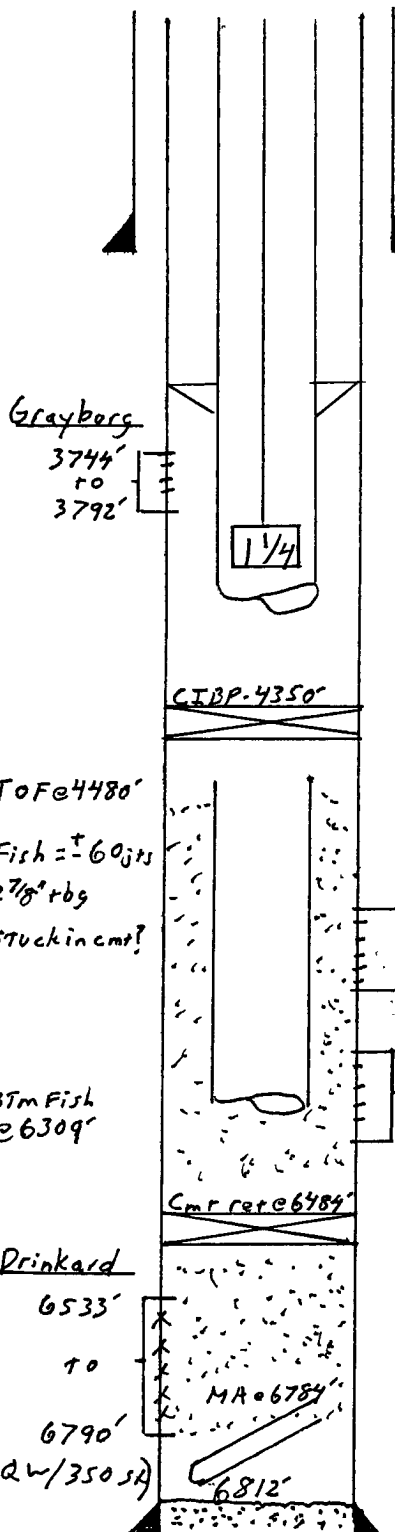
Grd: K-55

IP: _____ BOPD _____ BWPD _____ MCF/D

Dpth: 1350'

Well History: (See Attached)

Cmt: 485sx
(Circ)



Well Equipment:

Pumping Unit: ?

Size: 7"

Motor Type: _____ HP: _____ POC: _____

Wt: 26*

Tbg: 121 Jts 2 3/8" Size 4.7# Grade J-55

Grd: J-55

MA @ _____ SN @ 3830' TAC @ 3605' (9-20-05)

Dpth: 6825'

Rods: 149-3/4" + 2-1 1/4" K bars

Cmt: 505sx
(Circ)

Pump: 2" x 1 1/4" x 16' RHC (7-6-06)

TD: 6825' DV @ 3985'w/1245sx(Circ)

Proposed

WELL DATA SHEET

Last Update: 9-16-08

Lease Name: Hawk B-1 #16 (WBDV #43WJW) API No: 30-025-26601

Location: 660'S/1980'W
C-SE-SW, Sec 8, T-21S, R-37E County: Lea ST: NM

Spud Date: 5-15-80 Well Elev: 3499' GL 14' KB

TD Date: 6-9-80 Completion Date: 8-25-80

TD: 6825' PBD: 4350' TOC: Circ

Casing

Size: 9 5/8"

Producing Formation: San Andres

Perfs: From 4090' to 4470' /spf _____ to _____

Wt: 36*

_____ to _____ /spf _____ to _____

Grd: K-55

IP: _____ BOPD _____ BWPD _____ MCF/D

Dpth: 1350'

Well History: (See Attached)

Cmt: 485sx

(Circ)

San Andres

±4090'-4470'
as determined
by log analysis

CIBP-4480'

To Fe 4480'

Fish = 60jts

2 7/8" rbg

stuck in cmt?

Blindbry

5652'

to

5997'

Tubbs

6304-16'

6362-77'

6397-6407'

6422-32'

Cmt. cmt 6484'

Drinkard

6533'

to

6790'

MA-6784'

6812'

TD: 6825'

DV 3985'W/1245SX(Circ)

Well Equipment:

Pumping Unit: ESP

Size: 7"

Motor Type: _____ HP: _____ POC: _____

Wt: 26*

Tbg: 1/25 jts 2 7/8" Size 6.5 1/4 Grade J-55

Grd: J-55

MA @ _____ SN @ 4000' TAC @ _____

Dpth: 6825'

Rods: _____

Cmt: 505sx

Pump: _____

(Circ)