

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
June 19, 2008

<b>RECEIVED</b> <b>HOBBS OCD</b> <b>MAY 08 2012</b>		<b>OIL CONSERVATION DIVISION</b> 1220 South St. Francis Dr. Santa Fe, NM 87505	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-26886	
1. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other:		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
2. Name of Operator Apache Corporation		6. State Oil & Gas Lease No. A0-1375-0051	
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705		7. Lease Name or Unit Agreement Name Monument Abo	
4. Well Location Unit Letter <u>C</u> : <u>800</u> feet from the <u>North</u> line and <u>1750</u> feet from the <u>West</u> line Section <u>2</u> Township <u>20S</u> Range <u>36E</u> NMPM County <u>Lea</u>		8. Well Number <u>001</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3595' GL		9. OGRID Number 873	
		10. Pool name or Wildcat Monument Abo (46970)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache intends to test the Glorieta, Middle and Lower Paddock, per the attached procedure. Apache will apply for DHC if zones are productive.

Spud Date: 10/29/1980

Rig Release Date: 01/15/1981

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Regulatory Tech DATE 05/03/2012

Type or print name Fatima Vasquez E-mail address: Fatima.Vasquez@apachecorp.com PHONE: 432/818-1015

**For State Use Only**

APPROVED BY: [Signature] TITLE Staff MGR DATE 5-10-2012

Conditions of Approval (if any):

MAY 10 2012

Monument Abo Unit #1

API # 30-025-26886

Sec 2, T20S, R36E

Elevation: 3583' KB, 3598' GL

TD: 7,979'

PBTD: 6,923' CIBP

Casing Record: 13-3/8" 48# @ 470' w/ 500 sxs  
8-5/8" 24-28# @ 4509' w/ 1850 sxs  
5-1/2" 14-17# J-55 @ 7,979' w/ 675 sxs

Objective: Test the Glorieta, Middle, and Lower Paddock

AFE: PA-12-3434

1. MIRU unit. Kill well as necessary. Unload 2-7/8" J-55 WS.
2. ND WH. NU BOP.
3. RIH w/ 4-3/4" bit and 5-1/2" casing scraper to CIBP @ 6,932' on 2-7/8" J-55 work string. Circulate hole clean. POOH.
4. MIRU WL. NU lubricator. RIH w/ a dump bailer and dump 3 sxs cement on top of CIBP @ 6,932'. WOC. RIH with 3-3/8" csg gun or available equivalent perforator and perforate the Lower Paddock as follows w/ 2 jspf 60° phasing. **Correlate to Schlumberger Compensated Neutron-formation Density log dated 11/28/1981.**

Stage 1: LWR Paddock				
Perf Interval		Ft	JSPF (60° phasing)	Holes
5,720	5,724	4	2	8
5,728	5,732	4	2	8
5,736	5,742	6	2	12
5,748	5,754	6	2	12
5,758	5,764	6	2	12
5,770	5,778	8	2	16
5,780	5,786	6	2	12
5,806	5,810	4	2	8
Total Perfs = 88 holes / 44 ft Net (90 ft Gross)				

5. RIH w/ SN + Baker Hughes double grip PKR and RBP straddle assembly and ball catcher on WS. Set RBP at ± 5,850'. Spot ± 100 gallons acid across perforations. Set PKR just above new perforations at ± 5,670'. Test backside to 1000 psi.
6. MIRU acid services. Acidize down tbg w/ 3,500 gals of 15% NEFE HCL w/ additives using 100 ball sealers to divert evenly spaced through the job as a max rate but do not exceed **6,000 psi** surface treating pressure. Displace to bottom perf with 34 BBLS of flush. Surge balls.

7. RU swab equipment and recover load and swab test perfs for fluid entry and oil cut. Swab until fluid is 7 in pH. Report results to Midland. RD swab equipment. *If unproductive, retrieve RBP, and POOH. RIH w/ CIBP and set at  $\pm 5670$  w/ 3 sxs cmt.*
8. Kill well if necessary. Release PKR and TIH and latch onto RBP at 5,850'. TOH to  $\pm 5,470'$  and set RBP. Test RBP to 1000 psi. TOH with PKR and WS.

## STAGE II- Middle Paddock

9. MIRU wireline. RU perforating guns. NU lubricator. **Correlate to Schlumberger Compensated Neutron-formation Density log dated 11/28/1981.** TIH w/ 3-3/8" csg gun or available equivalent perforator and perforate the Lower Paddock as follows w/ 2 jspf 60° phasing:

Stage 2: Middle Paddock				
Perf Interval		Ft	JSPF (60° phasing)	Holes
5,352	5,356	4	2	8
5,360	5,364	4	2	8
5,370	5,376	6	2	12
5,382	5,386	4	2	8
5,392	5,396	4	2	8
5,398	5,402	4	2	8
5,405	5,407	2	2	4
5,408	5,412	4	2	8
5,414	5,418	4	2	8
Total Perfs = 108 holes / 48 ft Net (118 ft Gross)				

10. TOH w/ perforators.
11. TIH w/ SN + Baker Hughes double grip PKR or equivalent on WS. Spot  $\pm 100$  gallons acid across perforations. Set PKR just above new perforations at  $\pm 5,300'$ . Test backside to 1000 psi.
12. MIRU acidizing services. Acidize down tbg w/ 3,600 gals of 15% NEFE HCL w/ additives using 130 ball sealers to divert evenly spaced through the job as a max rate but do not exceed **6,000 psi** surface treating pressure. Displace to bottom perf with 32 BBLs of flush.
13. RU swab equipment and recover load and swab test perfs for fluid entry and oil cut. Swab until fluid is 7 in pH. Report results to Midland. RD swab equipment.
14. RU swab equipment and recover load and swab test perfs for fluid entry and oil cut. Swab until fluid is 7 in pH. Report results to Midland. RD swab equipment. *If unproductive, confirm with Midland for a plan forward.*
15. Kill well if necessary. Release PKR and TIH and latch onto RBP at 5,470'. TOH to  $\pm 5,335'$  and set RBP. Test RBP to 1000 psi. TOH with PKR and WS.

### STAGE III- Glorieta

16. MIRU wireline. RU perforating guns. NU lubricator. **Correlate to Schlumberger Compensated Neutron-formation Density log dated 11/28/1981.** TIH w/ 3-3/8" csg gun or available equivalent perforator and perforate the Lower Paddock as follows w/ 2 jspf 60° phasing:

Stage 3: Upper Paddock/ Glorieta				
Perf Interval		Ft	JSPF (60° phasing)	Holes
5,220	5,228	8	2	16
5,234	5,238	4	2	8
5,247	5,251	4	2	8
5,262	5,266	4	2	8
5,274	5,286	12	2	24
5,296	5,300	4	2	8
5,304	5,308	4	2	8
5,312	5,316	4	2	8
Total Perfs = 88 holes / 44 ft Net (96 ft Gross)				

17. TOH w/ perforators. RD WL.
18. TIH w/ SN + Baker Hughes double grip PKR or equivalent on WS. Spot ± 100 gallons acid across perforations. Set PKR just above new perforations at ± 5, 170'. Test backside to 1000 psi.
19. MIRU acidizing services. Acidize down tbg w/ 3,500 gals of 15% NEFE HCL w/ additives using 100 ball sealers to divert evenly spaced through the job as a max rate but do not exceed **6,000 psi** surface treating pressure. Displace to bottom perf with 32 BBLS of flush.
20. RDMO acidizing services.
21. RU swab equipment and recover load and swab test perfs for fluid entry and oil cut. Swab until fluid is 7 in pH. Report results to Midland. RD swab equipment. *If unproductive, confirm with Midland for a plan forward.*
22. Kill well if necessary. Release PKR and TIH and latch onto RBP at 5,335'. TOH w/ straddle packer assembly and ball catcher.
23. Run production tubing and rods as per the Monument office specifications. RDMO PU.
24. MIRU pumping unit. Connect electrical service. Set production battery vessels. Construct and tie in flow-line. Place well into production and on test for 2 weeks. Have a chemical rep test fluids and put well on the appropriate chemical maintenance program.