

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II - (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV - (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

HOBBS OGD CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

NOV 06 2013

WELL API NO. 30-025-35181
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. N/A
7. Lease Name or Unit Agreement Name North Monument G/SA Unit (302708)
8. Well Number 930
9. OGRID Number 873
10. Pool name or Wildcat Eunice Monument; G-SA (23000)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3616' GR

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSED DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well Gas Well Other

2. Name of Operator
Apache Corporation

3. Address of Operator
303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705

4. Well Location
 Unit Letter N : 224 feet from the South line and 2443 feet from the West line
 Section 25 Township 19S Range 36E NMPM County Lea

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input 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"/>			
CLOSED-LOOP SYSTEM <input checked="" type="checkbox"/>			
OTHER: <u>Workover</u> <input checked="" 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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache would like to drill out CIBPs, squeeze all perfs, re-perforate and acidize the Grayburg per the attached procedure.

Spud Date: Rig Release Date:

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

SIGNATURE [Signature] TITLE Regulatory Tech II DATE 11/05/2013

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 Petroleum Engineer DATE NOV 06 2013

Conditions of Approval (if any):

NOV 06 2013

NMGSAU #930

API # 30-025-35181

Sec 25, T19S, R36E

Elevation: 3629' KB, 3616' GL

TD: 4,055' MD 4024' TVD

PBTD: 4,040'

Casing Record: 9-5/8" 36# J-55 @ 402' w/ 250 sxs to surface
7" 20# J-55 @ 4,055' w/ 1200 sxs

Perfs: Grayburg: 3772-81; 3806-15; 3825-34; 3858-73; 3886-90; 3894-98; 3904-06 w/ 2 jspf (59 holes).
Grayburg: 3929-33; 3940-50; 3960-68; 3973-75; 3981-93; 4004-10 w/ 2 jspf. (45holes) INACTIVE

Objective: Drill out CIBPs, Squeeze all perfs, re-perforate and acidize the Grayburg. RTP

AFE: PA-13-0182

1. MIRU unit. Check pressure on well. Kill well as necessary. Unseat pump. POOH w/ rods and pump.
2. ND WH. NU BOP. Release TAC. POOH w/ tubing and TAC. Rack back 2-7/8" J-55 tubing to be used as work string and production string.
3. PU and RIH w/ 6-1/4" bit, bit sub on WS to CIBP @ 3,920'.
4. RU reverse unit. Break circulation and DO/push CIBP's to CIBP @ 3,973'. Circulate hole clean. POOH.
5. PU and RIH w/ 1 joint of wash pipe and wash shoe. Break circulation and mill over CIBP w/ junk on top at 3973'. Push CIBP to bottom. POOH.
6. PU and RIH w/ CICR on WS and set @ \pm 3,730'. Sting into CICR.
7. MIRU cement Service Company. Establish injection rate into perforations. Pump cement as dictated by injection rate. Hesitate squeeze perforations per Monument office recommendations. Displace to CICR with 21 bbls flush.
8. Sting out of CICR and POOH w/ WS. WOC.
9. PU and RIH w/ 6-1/4" bit, bit sub and drill collars on WS. Tag CICR. RU reverse unit and break circulation. Drill out CICR and cement to RBP at 4,020'. Test casing squeeze to 1000 psi. *If squeeze does not test, repeat squeeze process.* POOH.
10. MIRU WL. RIH w/ perforator and perforate the LWR Grayburg at 3940'-50'; 3960'-68' w/ 2 jspf 120° phasing (36 holes). TOH w/ perf guns. **Correlate to Schlumberger Three Density Detectors Compensated Neutron log dated 11/13/2000.** RDMO WL.
11. TIH w/ SN and RBP-PKR straddle assembly w/ ball catcher. Set RBP w/ ball catcher at \pm 4,000. TOH and set PKR above perfs at \pm 3,890'. Test backside to 500 psi.
12. MIRU acid services. Acidize the Grayburg (3940-68) down the tubing with 1,300 gallons 15% NEFE w/ additives dropping 70 ball sealers to divert evenly spaced throughout the job as a max rate but do not exceed 5,000 psi surface treating pressure. Displace to bottom perf with 26 bbls of flush. Release PKR and knock balls off. TOH and set PKR at 3,890'.
13. RU swab equipment and recover load and swab test for fluid entry and oil cut. Report results to Midland. RD swab equipment.

14. Kill well if necessary. TIH to RBP and ball catcher. Latch and release RBP. TOH w/ PKR-RBP and set RBP and ball catcher at $\pm 3,915$. Test RBP to 1000 psi. TOH w/ PKR and WS.
15. MIRU WL. RIH w/ perforator and perforate the LWR Grayburg at 3772'-81'; 3806'-15'; 3825'-30'; 3842'-48'; 3859'-65'; 3871'-78'; 3895'-3903' w/ 2 jspf 120° phasing (100 holes). TOH w/ perf guns. **Correlate to Schlumberger Three Density Detectors Compensated Neutron log dated 11/13/2000.** RDMO WL.
16. PU and RIH w/ SN and PKR. Set PKR above new perforations at $\pm 3,725'$. Test backside to 500 psi.
17. MIRU acid services. Acidize the Grayburg (3772-3903) down the tubing with 3,500 gallons 15% NEFE w/ additives dropping 200 ball sealers to divert evenly spaced throughout the job as a max rate but do not exceed 5,000 psi surface treating pressure. Displace to bottom perf with 29 bbls of flush. Release PKR and knock balls off. TOH and set PKR at 3,725'.
18. RU swab equipment and recover load and swab test for fluid entry and oil cut. Report results to Midland. RD swab equipment.
19. Kill well if necessary. TIH to RBP and ball catcher. Latch and release RBP. TOH w/ PKR-RBP assembly and WS.
 - a. If LWR Grayburg is productive, place well on production in upper and lower Grayburg.
 - b. If LWR Grayburg is unproductive, TIH and set CIBP @ 3,915'. Place well on production in upper Grayburg.
20. RIH w/ 2-7/8" J-55 production tubing and rods as per the Monument office specification
21. RDMOPU. Return well to production and place into test for 10 days.

GL=3616'
KB=3629'
Spud: 11/6/00

Apache Corporation – NMGSAU #930

Wellbore Diagram – Current Status

Date : 10/24/2013

API: 30-025-35181



Surface Location

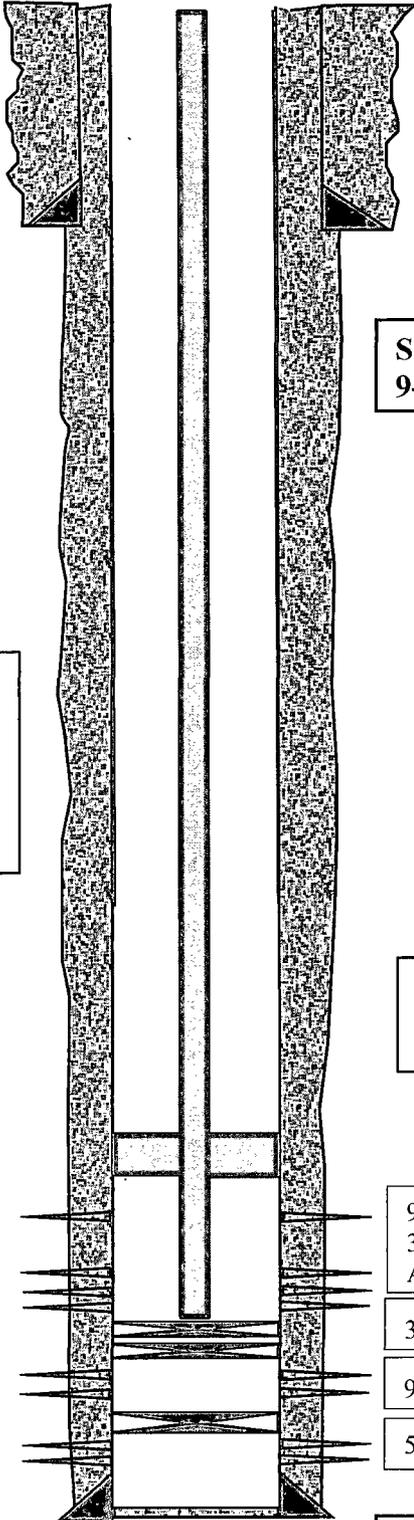
R. Taylor

224' FSL & 2443' FWL, Unit N
Sec 25, T19S, R36E, Lea County, NM

Bottom Hole Location

15' FSL & 2652' FWL, Unit O
Sec 25, T19S, R36E, Lea County, NM

Hole Size
=12-1/4"



Surface Casing

9-5/8" 36# J-55 @ 402' w/ 250 sx to surface

Deviated well.
KOP= 1731
Max DLS
2.92° @
2796'

TAC @ 3721'
SN @ 3910'

9/01: Perf Grayburg @ 3772-81; 3806-15; 3825-34; 3858-73; 3886-90; 3894-98;
3904-06; 3929-33; 3940-50; 3960-68; 3981-93; 4004-10 w/ 2 sjpf (193 holes).
Acidize w/ 4200 gal 15% NEFE w/ FTI tool.

3/12: Set CIBP @ 3920' to shut-off water. Plug leaked

9/02: Set CIBP @ 3924' to shut-off water.

5/02: Set CIBP @ 3973'. 2.5" seating shoe w/ a 2.5" SV on CIBP

Hole Size
=8-3/4"

PBTD = 4040'
TD =4055' MD
4024' TVD

Production Casing

7" 20# J-55 @ 4055' w/ 1200 sxs to surface

GL=3616'
KB=3629'
Spud: 11/6/00

Apache Corporation – NMGSAU #930

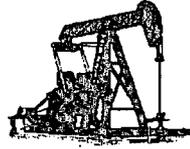
Wellbore Diagram – Proposed Status

Date : 10/24/2013

API: 30-025-35181

Surface Location

R. Taylor

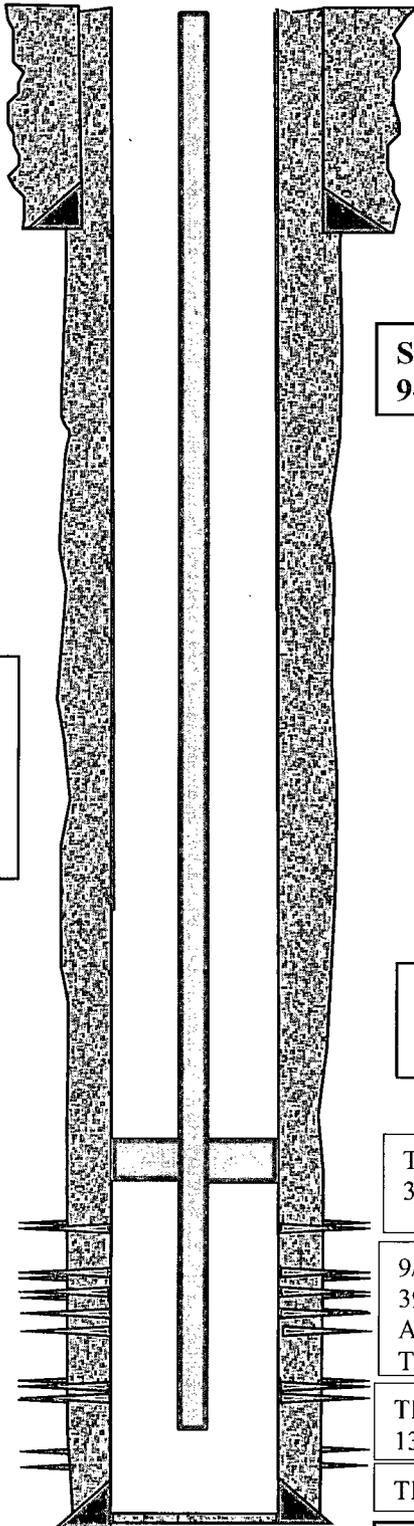


224' FSL & 2443' FWL, Unit N
Sec 25, T19S, R36E, Lea County, NM

Bottom Hole Location

15' FSL & 2652' FWL, Unit O
Sec 25, T19S, R36E, Lea County, NM

Hole Size
=12-1/4"



Surface Casing

9-5/8" 36# J-55 @ 402' w/ 250 sx to surface

Deviated well.
KOP= 1731
Max DLS
2.92° @
2796'

TAC @ TBD'
SN @ TBD'

TBD: Perf Grayburg Stage II @ 3772-81; 3806-15; 3825-30; 3842-48; 3859-65; 3871-78; 3895-3903 w/ 2 jspf (100 holes). Acidize w/ 3500 gal 15% NEFE.

9/01: Perf Grayburg @ 3772-81; 3806-15; 3825-34; 3858-73; 3886-90; 3894-98; 3904-06; 3929-33; 3940-50; 3960-68; 3981-93; 4004-10 w/ 2 sjpf (193 holes). Acidize w/ 4200 gal 15% NEFE w/ FTI tool.
TBD: SQZ all perfs

TBD: Perf Grayburg Stage I @ 3940-50; 3960-68 w/ 2 jspf (36 holes). Acidize w/ 1300 gal 15% NEFE.

TBD: DO CIBP's, SQZ all perfs.

Hole Size
=8-3/4"

PBTD = 4040'
TD =4055' MD

Production Casing

7" 20# J-55 @ 4055' w/ 1200 sxs to surface