

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 OCD

DEC 18 2013

RECEIVED

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-04145

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

B1368

7. Lease Name or Unit Agreement Name

State H (302354)

8. Well Number 001

9. OGRID Number

873

10. Pool name or Wildcat

Eunice Monument; G-SA (23000)

SUNDRY NOTICES AND REPORTS ON WELLS
(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.)

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 O : 660 feet from the South line and 1980 feet from the East line

Section 01 Township 20S Range 36E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3571' DF

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

DOWNHOLE COMMINGLE ☐

CLOSED-LOOP SYSTEM ☒

OTHER: Workover ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: ☐

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 DO CIBP, perforate the Grayburg, acidize w/ 5000 gal 15% NEFE, and RTP per the attached procedure.

Spud Date: 11/17/1935

Rig Release Date: 12/18/1935

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

SIGNATURE

TITLE Regulatory Tech II

DATE 12/16/2013

Type or print name Fatima Vasquez

E-mail address: Fatima.Vasquez@apachecorp.com

PHONE: (432) 818-1015

For State Use Only

APPROVED BY:

TITLE

DATE

12/19/2013

Conditions of Approval (if any):

DEC 19 2013

STATE H #1

API # 30-025-04145

Sec 1, T20S, R36E

Elevation: 3572' KB, 3560' GL

TD: 3,877' PBD: 3,720'

Casing Record: 13" 40# @ 159' w/ 100 sxs
9-5/8" 36# @ 2305' w/ 800 sxs
7" 24# @ 3,785' w/ 100 sxs.

Perfs: **Grayburg:** OH from 3785-3877. SQZ'd
3760-3780- SQZ'd
3760-3770- Inactive w/ CIBP @ 3720'
3730-45- SQZ'd
3523, 25, 27, 47, 61, 84, 92, 96, 99, 3603, 10, 16, 32, 40, 41, 42, 52, 55, 69, 71, 81, 83,
96, 98 w/ 2 jspf

Objective: DO CIBP, perforate the Grayburg, acidize w/ 5000 gal 15% NEFE, and RTP.

AFE: 11-13-0767

1. MIRU unit. Kill well as necessary. Unseat pump. POOH w/ rods and pump.
2. ND WH. NU BOP. Release TAC. POOH w/ tubing and TAC. Set reverse pit and frac tanks w/ water.
3. PU and RIH w/ 6-1/4" bit, bit sub and drill collars on 2-7/8" WS to CIBP @ ~ 3,720'.
4. RU reverse unit. Break circulation and DO CIBP to PBD @ 3,775'. Circulate hole clean. POOH.
5. MIRU WL. RIH w/ perforator and perforate the Grayburg at 3520-39; 3590-3605; 3630-42; 3650-60; 3680-84; 3711-24; 3739-60 w/ 2 jspf 120° phasing (94 holes). TOH w/ perf guns. **Correlate to Lane Wells Radioactivity log dated 11/18/1949.** RDMO WL.
6. RIH w/ sonic hammer on 2-7/8" production tubing to bottom perf @ 3,760'.
7. MIRU acid services. Acidize down 2-7/8" J-55 tubing w/ 5000 gals of 15% NEFE HCL w/ additives through the sonic hammer moving across entire perf interval from 3,520-3,760.
8. RU swab equipment and recover load and swab test perfs for fluid entry and oil cut. Report results to Midland. RD swab equipment.
9. Kill well if necessary. TOH w/ sonic hammer and 2-7/8" tubing.
10. RIH w/ production tbg and rods as per the Monument office specification
11. RDMOPU. Return well to production and place into test for 10 days.

GL=3560'
KB=3571'
Spud:11/17/35

Apache Corporation – State H #1

Wellbore Diagram – Current

Date : 12/3/2013

API: 30-025-04145

Surface Location

R. Taylor



660' FSL & 1980' FEL,
Lot O Sec 1, T20S, R36E, Lea County, NM

Surface Casing

13" 40# @ 159' w/ 100 sxs to surface

Intermediate Casing

9-5/8" 36# @ 2305' w/ 800 sxs

6/54: 7" Csg leak. Cut casing @ 2269' and replaced. SQZ'd leaks @ 2310, 2328, and 3110

5/56: Csg leak @ 2331-62. SQZ'd w/ 450 sxs

3/93: Csg leak @ 3476-3506. SQZ'd w/ 47 sxs. Replace jts of surface. SQZ'd w/ 247 sxs

TAC @ ????'

SN @ 5650'

9/75: perf 3523, 25, 27, 47, 61, 84, 92, 3610, 16, 41, 71, 96 w/ 2 jspf (24 holes). Acidized w/ 2000 gal 15% NEFE. Perf 3596; 99; 3603; 32; 40; 42; 52; 55; 69; 71; 81; 83; 98 w/ 2 jspf (26 holes). Acidized 3523-98 w/ 3000 gal 15%.
7/83: Acidized w/ 2500 gal 15%

5/62: Perf @ 3730-45 w/ 2 jspf (30 holes). Sand oil w/ 10k gal oil w/ 10k# snd
2/67: String shot 100/300 gpf. Acidized w/ 500 gal 15%.
8/69: OH & perms SQZ'd w/ 75 sxs. DO to 3775'

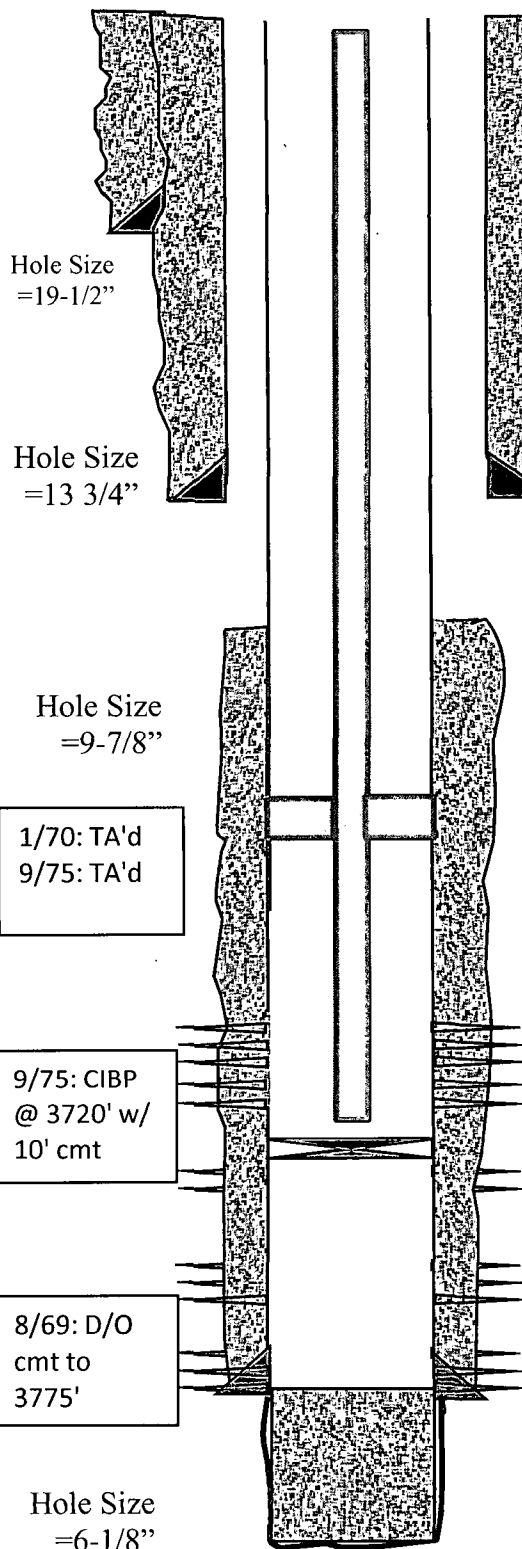
6/69: Perf 3760-80. Acidized w/ 3000 gal. 15%. SQZ'd w/ 75 sxs
8/69: Perf 3760-70 w/ 2 jspf. Acidized w/ 1000 gal 15%

Production Casing

7" 24# @ 3785' w/ 100 sxs

5/62: D/O cmt 3785-95. Sand oil w/ 8k gal oil w/ 8k# snd
2/67: CIBP @ 3769. SQZ'd / 50 sxs.
8/69: D/O OH from 3780-90. Acidized w/ 3000 gal. SQZ'd w/ 75 sxs

12/35: Openhole from 3785-3877 flowed naturally
11/49: PB OH to 3,866 w/ plastic and cement due to water
5/56: OH SQZ'd w/ diesel oil w/ 150 sxs. D/O to 3830'. Perf OH from 3800-30 w/ 2 jspf (60 holes). Sand-Oil OH w/ 5000 gal oil w/ 5k# sand
5/62: SQZ'd 3785- 3866 w/ 75 sxs



PBTd = 3,720'
MD = 3,877'

PBTD = 3,720'
MD = 3,877'