

Submit 1 Copy To Appropriate District Office

State of New Mexico

Form C-103

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

HOBBS OGD
DEC 18 2013
RECEIVED

Energy, Minerals and Natural Resources
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised July 18, 2013

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.)		WELL API NO. 30-025-04145
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		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. B1368
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705		7. Lease Name or Unit Agreement Name State H (302354)
4. Well Location Unit Letter <u>O</u> : <u>660</u> feet from the <u>South</u> line and <u>1980</u> feet from the <u>East</u> line Section <u>01</u> Township <u>20S</u> Range <u>36E</u> NMPM County <u>Lea</u>		8. Well Number <u>001</u>
		9. OGRID Number <u>873</u>
		10. Pool name or Wildcat Eunice Monument; G-SA (23000)
		11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3571' DF</u>

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 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 [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: Maley Brown TITLE Compliance Officer 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' PBDT: 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 PBDT @ 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.

Apache Corporation – State H #1

Wellbore Diagram – Current

Date : 12/3/2013

API: 30-025-04145

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

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'

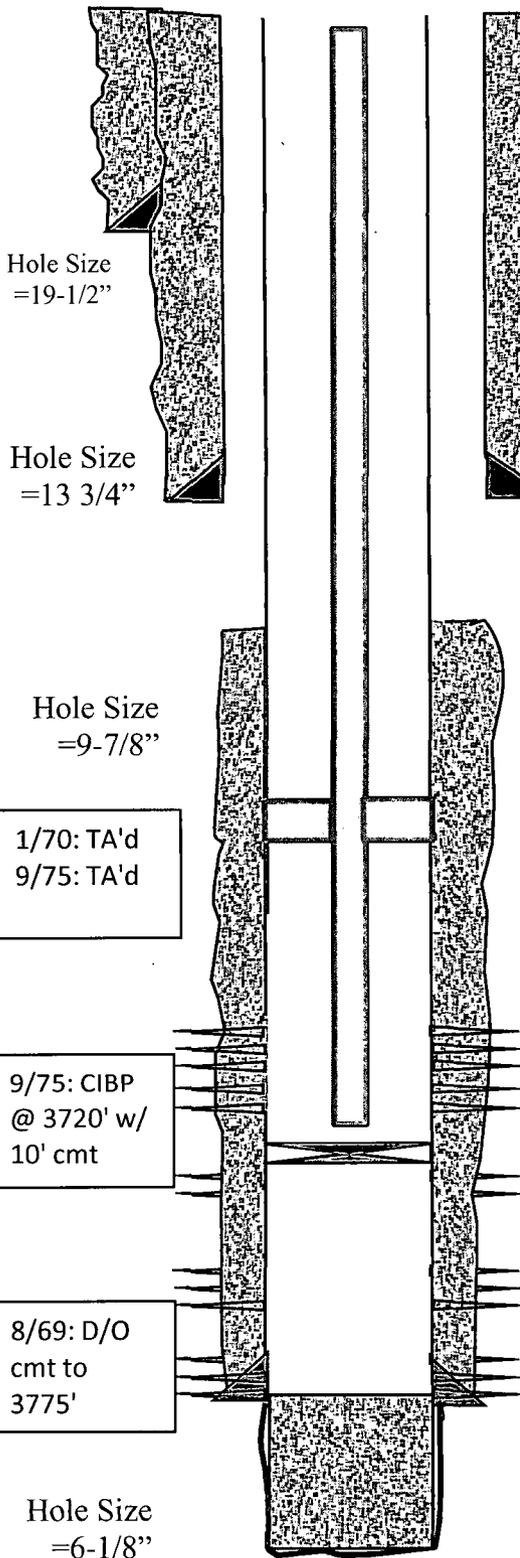
6/69: Perf 3760-80. Acidized w/ 3000 gal. 15%. SQZ'd w/ 75 sxs
8/69: Perf 3760-70 w/ 2 jspf. Acidized w/ 1000 gal 15%

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



Hole Size =19-1/2"

Hole Size =13 3/4"

Hole Size =9-7/8"

1/70: TA'd
9/75: TA'd

9/75: CIBP @ 3720' w/ 10' cmt

8/69: D/O cmt to 3775'

Hole Size =6-1/8"

PBTB = 3,720'
MD = 3,877'

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

Apache Corporation – State H #1

Wellbore Diagram – Proposed

Date : 12/3/2013

API: 30-025-04145

Surface Location

R. Taylor



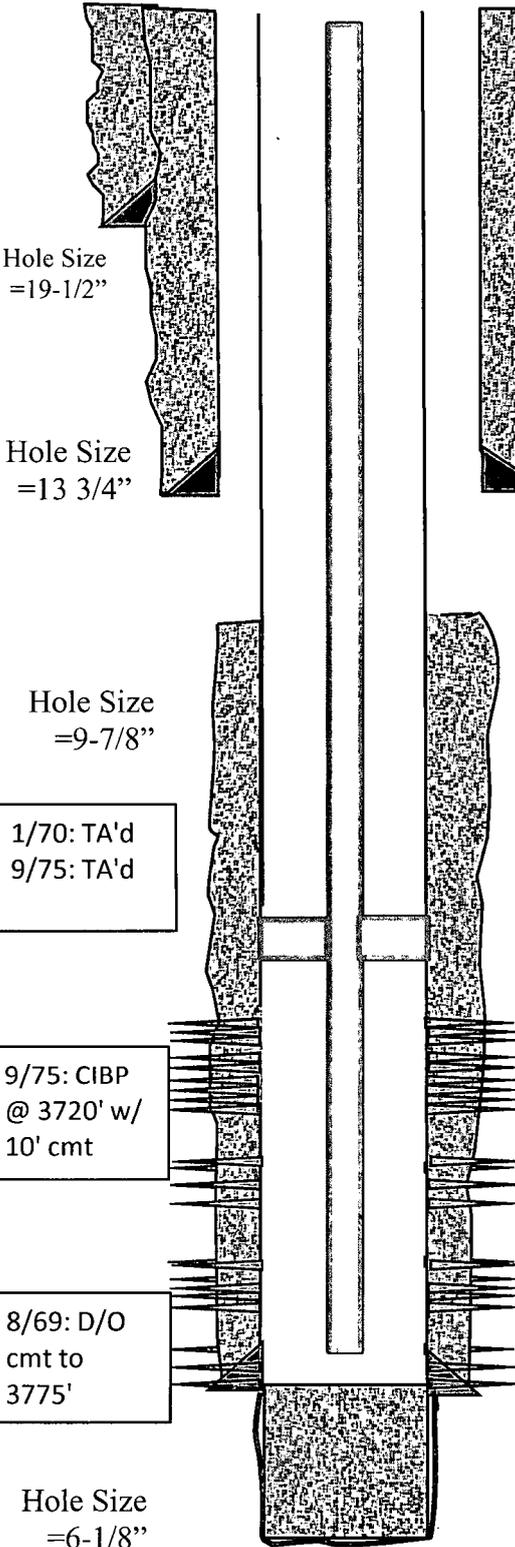
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TAC @ TBD'
 SN @ TBD'

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TBD: Perf 3520-39; 3590-3605; 3630-42; 3650-60; 3680-84; 3711-24; 3739-60 w/ 2 jspf. Acidized 3520-3760 w/ 5000 gal 15% NEFE w/ sonic hammer.

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 & perfs SQZ'd w/ 75 sxs. DO to 3775'

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PBTB = 3,720'
 MD = 3,877'

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 =6-1/8"

Hole Size
 =19-1/2"

Hole Size
 =13 3/4"

Hole Size
 =9-7/8"

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