

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

HOBBS - OCD
 RECVD - 11/9/20

Form C-103
 Revised July 18, 2013

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

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.
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator		6. State Oil & Gas Lease No.
3. Address of Operator		7. Lease Name or Unit Agreement Name
4. Well Location Unit Letter _____ : _____ feet from the _____ line and _____ feet from the _____ line Section _____ Township _____ Range _____ NMPM _____ County _____		8. Well Number
11. Elevation (<i>Show whether DR, RKB, RT, GR, etc.</i>)		9. OGRID Number
		10. Pool name or Wildcat

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

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 *alicia fulton* TITLE _____ DATE _____

Type or print name _____ E-mail address: _____ PHONE: _____

For State Use Only

APPROVED BY: *Kerry Fortner* TITLE Compliance Officer A DATE 12/3/20

Conditions of Approval (if any):

November 6th, 2020

NMGSAU #347

API # 30-025-38452

Lea County, NM

Production Casing: 5-1/2" 17#

Surface Casing: 8-5/8" 24#

Objective: Reactive in Grayburg

Procedure:

1. MIRU WO Unit
2. PU and RIH w/ tubing
3. CO CIBP and cmt, tag PBTB of ~3,912'
4. POOH, lay down collars, swab test
5. If swab test is good (if not go to step 6)
 - a. Per @ 2 SPF from 3815' – 3890'
 - b. Sonic Hammer all perms with 3000 gal
 - c. Continue at Step 7
6. If swab test yields too much water or San Andres water
 - a. Set CIBP @ 3885'
 - b. Perf @ 2 SPF from 3815' – 3865'
 - c. Sonic Hammer all perms with 3000 gal
7. POOH with sonic hammer, swab test
8. RIH with rods or ESP based on swab results
9. RTP
10. RDMO WO Unit

GL=3677'
KB=3688'
Spud: 12/7/07

Apache Corporation – ^{Proposed} NMGSAU #347

Wellbore Diagram – ~~Current~~ Status

Date : 2/12/2014

API: 30-025-38452

Surface Location

R. Taylor



170' FNL & 2370' FWL, Unit C
Sec 19, T19S, R37E, Lea County, NM

Surface Casing

8-5/8" 24# K-55 @ 1300' w/ 700 sx to surface

TOC @ 1150'

Ratty CMT from 1200-2400

Produced 3765'-76' from 1/08-7/08
Produced 3890'-98' from 7/08-6/09
TA'd 6/09

1/08: Perf Grayburg @ 3765-76 w/ 2 jspf (23 holes). Acidized w/ 1500 gal 15% NEFE acid. swab water
7/08: SQZ'd all perfs w/ 400 sxs

12/20: DO CIBP and Cmt, swab test open perfs, perf 3815' - 3890', acid wash, swab test, return to production

6/09: Set CIBP @ 3850 w/30' cmt. Well TA'd

7/08: Perf Grayburg @ 3890-98 w/ 2 jspf (16 holes). Acidized w/ 1500 gal 15% NEFE acid.

1/08: Perf Grayburg @ 3890-3905; 3918-34 w/ 2 jspf (64 holes). Acidized w/ 2000 gal 15% NEFE acid. Bad emulsion
1/08: Pump 55 gal 2827, 55 gal DM046, 55 gal 2827 chemical
7/08: SQZ'd

7/08: Perf Grayburg @ 3918-34 w/ 2 jspf (32 holes). Acidized w/ 2000 gal 15% NEFE acid. Swab BLK water. SQZ'd w/ 137 sxs

7/08: Perf Grayburg @ 3956-62; 3970-74 w/ 2 jspf (22 holes). Acidized w/ 1500 gal 15% NEFE acid. SQZ'd w/ 161 sxs

1/08: Perf Grayburg @ 3970-93 w/ 2 jspf (47 holes). Acidized w/ 2000 gal 15% NEFE acid. swab water
7/08: SQZ'd

1/08: Perf Grayburg @ 4030-45 w/ 2 jspf (31 holes). Acidized w/ 2000 gal 15% NEFE acid. swab water
7/08: SQZ'd

Production Casing

5-1/2" 17# K-55 @ 4110' w/ 900 sxs to surface

Hole Size =11"

MKR JT @ 3479

7/08: cmt rtn @ btm 3950'

Hole Size =7-7/8"

PBTD = 3909' MD
TD =4110' MD

GL=3677'
KB=3688'
Spud: 12/7/07

Apache Corporation – NMGSAU #347

Wellbore Diagram – Current Status

Date : 2/12/2014

API: 30-025-38452

Surface Location

R. Taylor



170' FNL & 2370' FWL, Unit C
Sec 19, T19S, R37E, Lea County, NM

Surface Casing

8-5/8" 24# K-55 @ 1300' w/ 700 sx to surface

TOC @ 1150'

Ratty CMT from 1200-2400

Produced 3765'-76' from 1/08-7/08
Produced 3890'-98' from 7/08-6/09
TA'd 6/09

MKR JT
@ 3479

1/08: Perf Grayburg @ 3765-76 w/ 2 jspf (23 holes). Acidized w/ 1500 gal 15% NEFE acid. swab water
7/08: SQZ'd all perms w/ 400 sxs

6/09: Set CIBP @ 3850 w/30' cmt. Well TA'd

7/08: Perf Grayburg @ 3890-98 w/ 2 jspf (16 holes). Acidized w/ 1500 gal 15% NEFE acid.

1/08: Perf Grayburg @ 3890-3905; 3918-34 w/ 2 jspf (64 holes). Acidized w/ 2000 gal 15% NEFE acid. Bad emulsion
1/08: Pump 55 gal 2827, 55 gal DM046, 55 gal 2827 chemical
7/08: SQZ'd

7/08: Perf Grayburg @ 3918-34 w/ 2 jspf (32 holes). Acidized w/ 2000 gal 15% NEFE acid. Swab BLK water. SQZ'd w/ 137 sxs

7/08: cmt
rtn @ btm
3950'

7/08: Perf Grayburg @ 3956-62; 3970-74 w/ 2 jspf (22 holes). Acidized w/ 1500 gal 15% NEFE acid. SQZ'd w/ 161 sxs

1/08: Perf Grayburg @ 3970-93 w/ 2 jspf (47 holes). Acidized w/ 2000 gal 15% NEFE acid. swab water
7/08: SQZ'd

Hole Size
=7-7/8"

1/08: Perf Grayburg @ 4030-45 w/ 2 jspf (31 holes). Acidized w/ 2000 gal 15% NEFE acid. swab water
7/08: SQZ'd

PBTD = 3909' MD
TD = 4110' MD

Production Casing

5-1/2" 17# K-55 @ 4110' w/ 900 sxs to surface