

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
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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

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

WELL API NO. 30-025-10015
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name H Corrigan [26470]
8. Well Number 010
9. OGRID Number 873
10. Pool name or Wildcat Paddock (49210)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3454' GL

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>
2. Name of Operator Apache Corporation
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705
4. Well Location Unit Letter H : 1980 feet from the North line and 660 feet from the East line Section 04 Township 22S Range 37E 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 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"/>			
CLOSED-LOOP SYSTEM <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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache would like to selectively acidize the Glorieta/Paddock, as described in the attached:

Spud Date:

3/6/1947

Rig Release Date:

4/13/1947

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

SIGNATURE

Reesa Fisher

TITLE Staff Reg Analyst

DATE 2/14/2017

Type or print name Reesa Fisher

E-mail address: Reesa.Fisher@apachecorp.com

PHONE: (432) 818-1062

For State Use Only

APPROVED BY:

[Signature]

TITLE

Petroleum Engineer

DATE

02/16/17

Conditions of Approval (if any):

H. Corrigan #10 (30-025-10015)

AFE: 11-17-0266

Work Objective: Selectively Acidize Glorietta and Paddock

Day 1: Hold PJSM. RU SU. POOH w/pump and rods.

NU BOP. POOH w/tubing (scanning). Note scale and paraffin deposits as well as location of deposits on report. Notify Midland engineering of type and amount of scale encountered as soon as tubing is pulled.

Day 2: Hold PJSM. RIH w/bit and scraper. RIH to $\pm 5350'$. POOH.

RIH w/tubing and FTI sonic hammer. RIH to 5036'. Close BOP. Acidize Glorietta from 5036' to 5063' w/1000 gals of 20% NEFE HCl (35.7 gals/ft, moving tool at 3.5 ft/min and pumping at 3 BPM) w/2 drums of Super A-SOL and 2% KCl flush as needed. Prior to making a connection flush ± 2 bbls above surface line volume if well is on a vacuum. If well is not on a vacuum, flush whatever amount is appropriate for the safety of the rig crew.

DO NOT FLUSH ACID TO BOTTOM IF WELL IS ON A VACUUM. If the well is on a vacuum, the rig operator will need to keep the tool moving even when finished pumping acid. If the well holds pressure after acid is pumped, please flush acid to bottom w/2% KCl.

Please note that intervals above do not reflect actual perforations, but rather perforated intervals to be treated.

Open BOP. Displace lines w/2% KCl and 2 bbls overflush (of surface lines).

RIH w/2-7/8" tubing and FTI sonic hammer to 5175'. Close BOP. Acidize upper Paddock from 5175' to 5205' w/1100 gals 20% NEFE HCl (35.5 gals/ft, moving tool at 3.5 ft/min and pumping at 3 BPM) w/2 drums of Super A-SOL and 2% KCl flush as needed. If well is on a vacuum, flush ± 2 bbls above surface line volume prior to making a connection. If well is not on a vacuum, flush whatever amount is appropriate for the safety of the rig crew.

DO NOT FLUSH ACID TO BOTTOM IF WELL IS ON A VACUUM. If the well is on a vacuum, the rig operator will need to keep the tool moving even when finished pumping acid. If the well holds pressure after acid is pumped, please flush acid to bottom w/2% KCl.

Please note that intervals above do not reflect actual perforations, but rather perforated intervals to be treated.

Open BOP. Displace lines w/2% KCl and 2 bbls overflush (of surface lines).

RIH w/2-7/8" tubing and FTI sonic hammer to 5235'. Close BOP. Acidize lower Paddock from 5235' to 5265' w/1100 gals 20% NEFE HCl (35.5 gals/ft, moving tool at 3.5 ft/min and pumping at 3 BPM) w/2 drums of Super A-SOL and 2% KCl flush as needed. If

well is on a vacuum, flush ± 2 bbls above surface line volume prior to making a connection. If well is not on a vacuum, flush whatever amount is appropriate for the safety of the rig crew.

DO NOT FLUSH ACID TO BOTTOM IF WELL IS ON A VACUUM. If the well is on a vacuum, the rig operator will need to keep the tool moving even when finished pumping acid. If the well holds pressure after acid is pumped, please flush acid to bottom w/2% KCl.

Please note that intervals above do not reflect actual perforations, but rather perforated intervals to be treated.

Open BOP. POOH w/tubing.

Day 3: Hold PJSM. Finish POOH w/tubing. Test in hole w/2-7/8" tubing. RIH w/pump and rods. POP.

WELL DATA SHEET

Last Update: 6-12-12

Lease Name: H. Corrigan #10

API No: 30-025-10015

Location: 1980'N/660'E Unit H Sec 4, T-22S, R-37E

County: Lea ST: NM

Spud Date: 2-6-47 Well Elev: 3442' GL 10' KB

TD Date: 4-13-47 Completion Date: 4-17-47

TD: 6574' PBTD: 6267' TOC: 4391'(15)

13 7/8" 36" - 217' 200SX (Circ)

Csg Size: 8 7/8" Wt: 32" Grd: - Dpth: 2757' Cmt: 1000 SX

Producing Formation: Glorietta Paddock

Perfs: From 5041' to 5260' #1/spf _____ to _____
_____ to _____ /spf _____ to _____

IP: _____ BOPD _____ BWPD _____ MCF/D

Well History: (See Attached)

Glorietta

5041-58'

Paddock

5180-5200'

5240-60'

1 1/4"

6267'

Prinkard

6318, 44, 46, 56,
6358, 60, 62, 70,
6372, 81, 83, 88,
6390, 92, 94,
6404, 06, 32, 34,
6444, 47, 49, 73,
6475, 77

CIBP-6520'

6523'

6538-70'

TD: 6574'

Well Equipment:

Pumping Unit: _____

Motor Type: _____ HP: _____ POC: _____

Tbg: 168 Jts 2 3/8" Size 3-55 Grade 4.7"

MA @ - SN @ 5267' TAC @ 4951' (4-24-12)

Rods: 63.718" + 144.714"

Pump: 2" x 1 1/4" x 16" RHBC (4-24-12)

Csg Size: 5 1/2" Wt: 17" Grd: J-55 Dpth: 6574' Cmt: 400 SX

CIBP-6300'
w/ 4 SX CMT

