

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

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

Form C-103
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. 30-025-25933 ✓
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Apache Corporation ✓		6. State Oil & Gas Lease No. A-2614
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705		7. Lease Name or Unit Agreement Name McDonald State AC 2 (306616) ✓
4. Well Location Unit Letter <u>B</u> : <u>660</u> feet from the <u>North</u> line and <u>1650</u> feet from the <u>East</u> line Section <u>13</u> Township <u>22S</u> Range <u>36E</u> NMPM County <u>Lea</u>		8. Well Number <u>032</u> ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3460' GL		9. OGRID Number 873
		10. Pool name or Wildcat Blinebry O & G (Oil) / 6660

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: RECOMPLETE ☒		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 recomplete this well from the Blinebry to the Tubb, per the attached procedure and wellbore diagrams.

Spud Date:

7/15/1978

Rig Release Date:

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

SIGNATURE

Reesa Fisher

TITLE Sr. Staff Reg Analyst

DATE 3/3/2014

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

APR 03 2014

Conditions of Approval (If Any):

APR 03 2014



AFE No: 11- 14- 0283

McDonald St AC 2 #32

API #: 30-025-25933

660' FNL & 1650' FEL

Unit B, Sec 13, Township 22S, Range 36E

Lea County, New Mexico

Squeeze Blinebry & Recomplete Tubb

23 January 2014

Recommended Procedure:

1. MIRU pulling unit. POOH w/pump & rods. Install BOP. Rel TAC. TOOH w/2-7/8" prod tbg.
2. PU & RIH w/4-3/4" bit and 5-1/2" x 17# csg scraper on 2-7/8" workstring to +/-5525'. POOH.
3. RIH w/5-1/2" cmt retainer on 2-7/8" ws.
 - a. Set cmt ret @ +/- 5500'.
 - b. EIR into Blinebry perms 5525'-5664' w/water.
 - c. Squeeze Blinebry w/150 sx cmt to +/-1000 psi final pressure if possible.
 - d. Sting out or retainer. Circ out any remaining cement. POOH w/tbg.
 - e. WOC at least 24 hrs.
4. RIH w/4-3/4" bit on 2-7/8" ws.
 - a. Drill out cmt ret & cmt 5525'-5700'.
 - b. Pressure test squeeze to 500 psi. Re-squeeze in the event of a major leak off.
 - c. Clean well out to PBTD @ 6432'.
 - d. POOH.
5. RU wireline truck. (All perms picked from the Dresser Atlas Compensated Densilog / Compensated Neutron Log dated 7/27/78).
 - a. Perf (Tubb): 6290', 92', 94', 96', 98', 6308', 10', 12', 14', 16', 18', 20', 22', 24', 42', 44', 46', 48', 50', 56', 58', 60', 62', 64', 66', 68', 96', 98', 6400', 02' & 04' w/2 spf, 120 deg phasing. (Total: 62 shots).
 - b. POOH. RD wireline unit.
6. RIH w/pkr and 2-7/8" ws. Set pkr @ +/-6420'.
 - a. Pressure test plug @ 6450' to 1000 psi. Rel pkr.
 - b. Spot 150 gals 15% HCL across Tubb perms. Re-set pkr @ +/-6200'.
 - c. Acidize the Tubb interval w/4,200 gals 15% HCL-NE-FE acid @ +/-6 BPM with max treating pressure of 6000 psi. Use ball sealers to divert the acid. Flush to btm perf w/2% KCL.
 - d. Rel pkr & run thru perms to knock off balls. Re-set pkr @ +/-6200'.
 - e. Swab well.
 - f. Rel pkr & POOH.
7. RIH w/frac pkr on 3-1/2", 9.2#, N-80 ws. Set pkr @ +/-6200'. RU frac equipment.
 - a. Frac the Tubb interval w/60,000# 16/30 SLC (or equivalent) resin coated sand down 3-1/2" ws @ +/-30-35 BPM in 25# XL gel as per frac rec. Max treating pressure = 6500 psi. Incorporate corrosion & scale inhibitors into frac system.
 - b. Rel pkr & POOH LD 3-1/2" ws.
8. RIH w/4-3/4" bit on 2-7/8" ws. CO sand to PBTD @ 6432'. POOH.
9. RIH w/2-7/8" prod tbg.
 - a. Land SN @ +/-6400'. Set TAC @ +/-6200'.
 - b. RIH w/pump & rods.
 - c. RTP Tubb and place in test.
 - d. RDMO.

Present

WELL DATA SHEET

Last Update: 1-22-14

Lease Name: McDonald Sr. A/C 2 #32

API No: 30-025-25933

Location: 660 N/1650 E
Unit B, Sec 13, T-22S, R-36E

County: Lea ST: NM

Spud Date: 7-15-78 Well Elev: 3460' GL 11' KB

TD Date: 7-27-78 Completion Date: 8-23-78

TD: 6750' PBTD: 6432' TOC: Circ

Csg Size: 8 5/8" Wt: 24# Grd: K-55 Dpth: 1310' Cmt: 600 sx (Circ)

Producing Formation: Blinberry

Perfs: From 5525' to 5664' 1/spf _____ to _____
_____ to _____ /spf _____ to _____

IP: _____ BOPD _____ BWPD _____ MCF/D

Well History: _____

Blinberry

5525, 29, 38, 46,
5550, 54, 68, 86, 98,
5606, 12, 30, 36,
5641, 46, 56, 64

1 1/2

Well Equipment:

Pumping Unit: 640-305-144

Motor Type: _____ HP: _____ POC: _____

Tbg: 180 Jts 2 7/8" Size 6.5" Grade J-55

MA @ _____ SN @ 5700 TAC @ 5350 (5-12-07)

Rods: 76.7/8" + 130.3/4" + 20.7/8"

Pump: 2" x 1 1/2" x 24' RHBC (6-26-08)

Drinkard

6535, 45, 50, 54,
6558, 60, 62, 64,
6566, 71, 73, 75,
6577, 79, 99,
6601, 03, 27, 29

6702'

TD: 6750'

Csg Size: 5 1/2" Wt: 15.5/17# Grd: J-55 Dpth: 6750' Cmt: 675 sx (Circ)

DV tool 3110' w/1400 sx (Circ)

DV 3110'
w/1400 sx (Circ)

IBP 6450'
w/2 sx cmt.

Proposed

WELL DATA SHEET

Last Update: 1-22-14

Lease Name: McDonald Sr. A/C 2 #32

API No: 30-025-25933

Location: 660 N/1650 E
Unit B, Sec 13, T-22S, R-36E

County: Lea ST: NM

Spud Date: 7-15-78 Well Elev: 3460' GL 11' KB

TD Date: 7-27-78 Completion Date: 8-23-78

TD: 6750' PBTD: 6432' TOC: Circ

Csg Size: 8 5/8" Wt: 24" Grd: K-55 Dpth: 1310' Cmt: 600 sx (Circ)

Producing Formation: Tubb

Perfs: From 6290' to 6404' - 2 spf
to 6404' - 2 spf

IP: BOPD BWPD MCF/D

Well History:

Blinberry

5525, 29, 38, 46,
5550, 54, 68, 86, 98,
5606, 12, 30, 36,
5641, 46, 56, 64

50 w/150 sx

Tubb

6290, 92, 94, 96, 98,
6308, 10, 12, 14,
6316, 18, 20, 22,
6324, 42, 44, 46,
6348, 50, 56, 58,
6360, 62, 64, 66,
6368, 96, 98,
6400, 02, 04

Well Equipment:

Pumping Unit: 640-305-144

Motor Type: HP: POC:

Tbg: 205 Jts 2 7/8" Size J-55 Grade 6.5"

MA @ - SN @ 6400' TAC @ 6200'

Rods:

Pump:

Drinker

6535, 45, 50, 54,
6558, 60, 62, 64,
6566, 71, 73, 75,
6577, 79, 99,
6601, 03, 27, 29

TD: 6750'

Csg Size: 5 1/2" Wt: 15.5/17" Grd: J-55 Dpth: 6750' Cmt: 675 sx (Circ)
DV tool 3110' w/1400 sx (Circ)

703110'
71400 sx (Circ)

LBPE 6450'
1/2 sx cmt.