

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

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

WELL API NO. 30-025-10213
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 Lou Worthan
8. Well Number 004
9. OGRID Number 873
10. Pool name or Wildcat Blinebry O&G (Oil) / 6660

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 1000 Midland, TX 79705

4. Well Location
 Unit Letter G : 1980 feet from the North line and 1980 feet from the East line
 Section 11 Township 22S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3341' GL

HOBBS OGD
 OCT 27 2014
 RECEIVED

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input checked="" 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"/>	
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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 add Blinebry pay and stimulate, per the attached procedure.

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 Reesa Fisher TITLE Sr. Staff Reg Analyst DATE 10/23/2014

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 10/20/14
 Conditions of Approval (if any):

OCT 27 2014 [Signature]

AFE No: 11- 14- 4051

Lou Worthan #4
API #: 30-025-10213
1980' FNL & 1980' FEL
Unit G, Sec 11, T-22S, R-37E
Lea County, New Mexico

Add Blinebry Pay & Stimulate

23 October 2014

Recommended Procedure:

1. At least 48 hrs prior to rigging up, dump 2 drums paraffin solvent down csg. Circulate well for 24 hrs.
2. 24 hrs prior to rigging up, return well to production to battery.
3. MIRU pulling unit. POOH w/pump & rods. Install BOP. Rel TAC. TOO H w/tbg. (DO NOT attempt to tag fill. 5-1/2" TAC is only 55' above 4" csg liner top).
4. PU & RIH w/3" bit and 4" x 10.46# csg scraper on 2-3/8" tbg. RIH to +/-5800'. POOH.
5. RIH w/4" RBP, 4" pkr and 2-3/8" tbg. Hydro-test tbg to 5,000 psi. Set RBP @ +/-5775'. Set pkr @ +/-5550'.
 - a. Acidize the Blinebry IV-V perms 5648'-5750' w/4,200 gals 15% HCL anti-sludge acid using rock salt to divert the acid in 3 stages. Flush to btm perf w/2% KCL.
 - b. Rel pkr & wash out salt. Re-set pkr @ +/-5550'.
 - c. Swab back acid load.
 - d. Rel pkr & RBP. Re-set RBP @ +/-5600'. POOH w/pkr & 2-3/8" tbg.
6. RU wireline truck. **NOTE: All perms picked from the Schlumberger Compensated Neutron / Litho Density log run August 13, 1998.**
 - a. Perf the Blinebry I-III intervals @ 5362', 67', 78', 88', 93', 99', 5410', 16', 20', 43', 47', 52', 62', 67', 77', 79', 87', 5512', 25', 30', 39', 50', 63' & 68' w/1 spf, 120 degree phasing. (Total = 24 shots).
 - b. RD wireline unit.
7. RIH w/4" pkr on 2-3/8" tbg. Set pkr @ +/-5250'.
 - a. Acidize the Blinebry I-III perms w/12,600 gals 15% HCL anti-sludge acid using ball sealers as diversion. Flush to btm perf w/2% KCL.
 - b. Swab back acid load.
 - c. Rel pkr & RBP. POOH w/2-3/8" tbg & tools.
8. RIH w/FL4S MA, FL4S SN, 10 jts 2-3/8" FL4S tbg, 28 jts 2-3/8", 4.7#, J-55 tbg w/turned down collars, 2-3/8" x 5-1/2" TAC, & +/-152 jts of 2-3/8" prod tbg. Land MA @ +/- 5870'. Land SN @ +/-5835'. Set TAC @ +/-4700'.
9. RIH w/pmp and rods.
10. RTP Blinebry and place well in test.

Present

WELL DATA SHEET

Last Update: 4-14-14

Lease Name: Lou Worthan #4

API No: 30-025-10213

Location: 1980'N/1980'E Unit G, Sec 11, T-22S, R-37E

County: Lea ST: NM

Spud Date: 4-28-46 Well Elev: 3341' GL 13' KB

TD Date: 5-31-46 Completion Date: 6-4-46 - Paddock
8-12-98 8-26-98 - Blinebry

TD: 5146' PBTD: 6165' TOC: 2092' (CBL)

13 3/8" 480 H-40 302' 300 sk (Circ)

Csg Size: 8 5/8" Wt: 320 Grd: H-40 Dpth: 2800' Cmt: 3500 sk

Grayburg
(Dry)

Producing Formation: Blinebry

Perfs: From 5648' to 5750' 4/spf to _____

_____ to _____ /spf _____ to _____

IP: _____ BOPD _____ BWPD _____ MCF/D

Comments: _____

Csg Size: 5 1/2" Wt: 15.5/17# Grd: J-55 Dpth: 5080' Cmt: 500 sk

2 TOC @ 4785'

Paddock

orig OH
5080' - 5146'

Blinebry

5648-54

5664-80

5700-10

5722-50

Well Equipment:

Pumping Unit: _____

Motor Type: _____ HP: _____ POC: _____

Tbg: 190 Jts 2 3/8" Size 4.7 7/8" Grade W-80

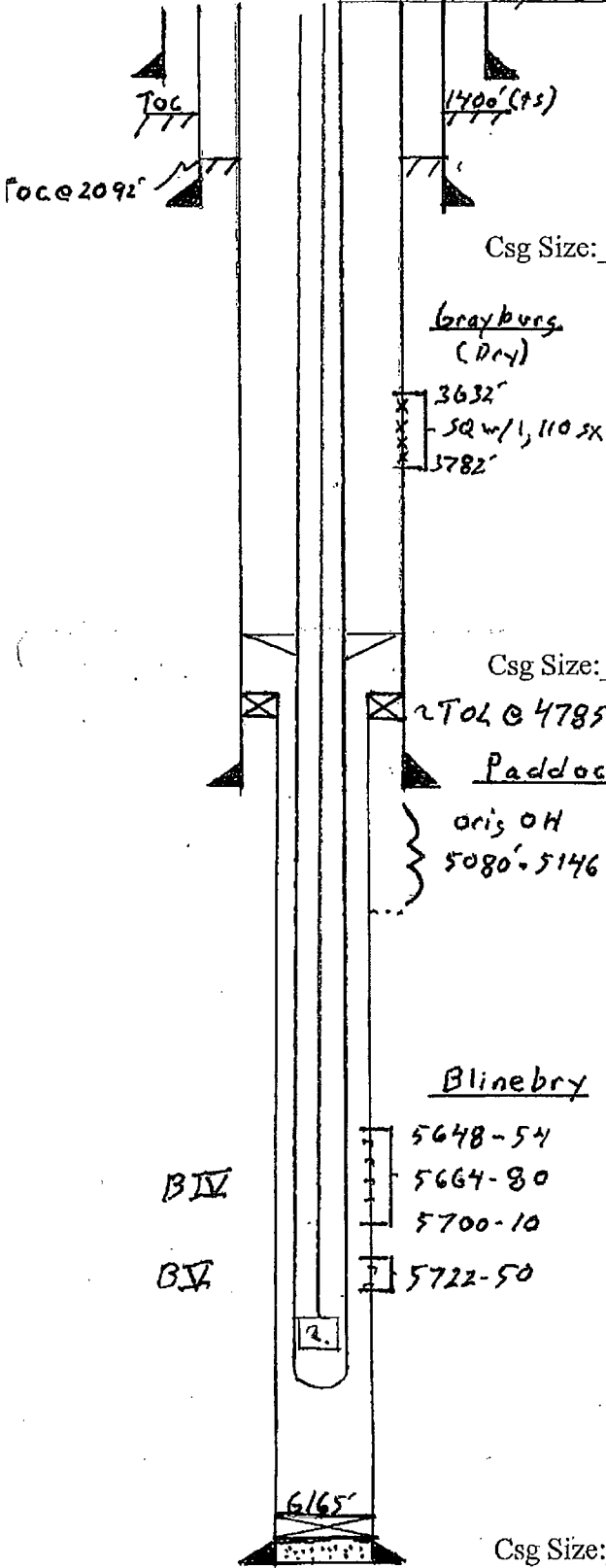
MA @ 5807' SN @ 5834' TAC @ 4730' (8-20-04)

Rods: 232 3/4" KD

Pump: _____ (8-20-04)

Csg Size: 4" Wt: 10.46# Grd: FL 45 Dpth: 4785' Cmt: 220 sk (Circ)

TD: 6205'



BIV

BIV

2.

Proposed

WELL DATA SHEET

Last Update: 4-14-14

Lease Name: Lou Worthan #4

API No: 30-025-10213

Location: 1980'N/1980'E Unit 6, Sec 11, T-22S, R-37E

County: Lea ST: NM

Spud Date: 4-28-46 Well Elev: 3341' GL 13' KB

TD Date: 5-31-46 Completion Date: 6-4-46 - Paddock
8-13-98 8-26-98 - Blinbery

TD: 5146' PBDT: 6165' TOC: 2092' (CBL)

13 3/8" 482 H-40 302' 300 sx (Circ)

Csg Size: 8 5/8" Wt: 32^{lb} Grd: H-40 Dpth: 2800' Cmt: 3500 sx

Grayburg
(Dry)

Producing Formation: Blinbery

Perfs: From 5648' to 5750' 4/spf 5362' to 5568' 1 spf

_____ to _____ /spf _____ to _____

IP: _____ BOPD _____ BWPD _____ MCF/D

Comments: _____

Csg Size: 5 1/2" Wt: 15.5/17^{lb} Grd: J-55 Dpth: 5080' Cmt: 500 sx

2 TOC @ 4785'

Paddock

oris OH
5080'-5146'

Blinbery

5362, 67, 78,
5388, 93, 99,
5410, 16, 20

BI

5443, 47, 52, 62,
5467, 77, 79, 87

BI

5512, 25, 30, 39,
5550, 63, 68

BI II

5648-54
5664-80
5700-10

BI IV

5722-50

BI V

6165'

TD: 6205'

Well Equipment:

Pumping Unit: _____

Motor Type: _____ HP: _____ POC: _____

Tbg: 190 Jts 2 3/8" Size 4.7ⁱⁿ Grade 12.80

MA @ 5867' SN @ 5834' TAC @ 4736' (8-20-04)

Rods: 232 3/4" KD

Pump: _____ (8-20-04)

Csg Size: 4" Wt: 10.46^{lb} Grd: FL 45 Dpth: 4785' Cmt: 220 sx (Circ)

