

Submit 1 Copy To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
October 13, 2009

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. <b>30-015-38410</b>
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 <b>Apache Corporation</b>		6. State Oil & Gas Lease No. XO-0647-0405
3. Address of Operator <b>303 Veterans Airpark Ln. Midland, TX 79705</b>		7. Lease Name or Unit Agreement Name D State
4. Well Location Unit Letter <u>  </u> F <u>  </u> : <u>  </u> 1650 <u>  </u> feet from the <u>  </u> N <u>  </u> line and <u>  </u> 1780 <u>  </u> feet from the <u>  </u> W <u>  </u> line Section <u>  </u> 36 Township <u>  </u> 17S Range <u>  </u> 28E NMPM County <u>  </u> EDDY		8. Well Number <u>  </u> 046
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>  </u> 3688 GR		9. OGRID Number <u>  </u> 873
		10. Pool name or Wildcat ARTESIA; GLORIETA-YESO

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: COMPLETION PROCEDURE ☒

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 HAS COMPLETED THE D STATE #46 VIA THE FOLLOWING PROCEDURE:

4/12/2011: DO DV TOOL @ 2994'

4/13/2011: PERF PADDOCK @ 4152, 80, 4200, 10, 30, 42, 60, 90, 4306, 24, 55, 84, 4400, 30, 50, 75, 93 W/3 SPF (51 HOLES). SET PKR @ 4105'. ACIDIZE LWR PADDOCK W/2000 GALS 15% HCL NEFE @ 4.5 BPM & DROP 75 7/8" 1.3 BIO BALL SEALERS. FLUSH W/32 BBLS 1% KCL FW @ 4.6 BPM.

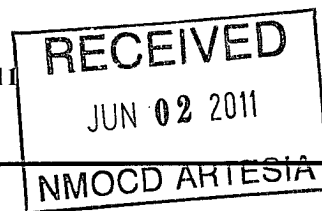
4/14/2011: RELEASE PKR

4/15/2011: FRAC W/125,997 GAL 20# & 232,543# 16/30 BROWN, PUMP 4120 GAL FLUSH @ 59 BPM.

4/20/2011: RIH W/149 2 7/8" JTS TBG, TAC @ 4103', SN @ 4497'.

Spud Date: 3/27/2011

Rig Release Date: 4/6/2011



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

SIGNATURE Mitch Mason TITLE **Engineering Tech**

DATE: 5/12/2011

Type or print name: **Mitch Mason**

E-mail address: **Mitchell.mason@apachecorp.com**

PHONE: **432.818.1072**

**For State Use Only**

APPROVED BY: David Gray TITLE **Field Supervisor**

DATE 6-7-11

Conditions of Approval (if any):

# Apache Corporation – D State #46

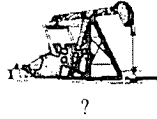
Date: 4-13-11

## Wellbore Diagram - Present Status

Ground Elevation = 3688'

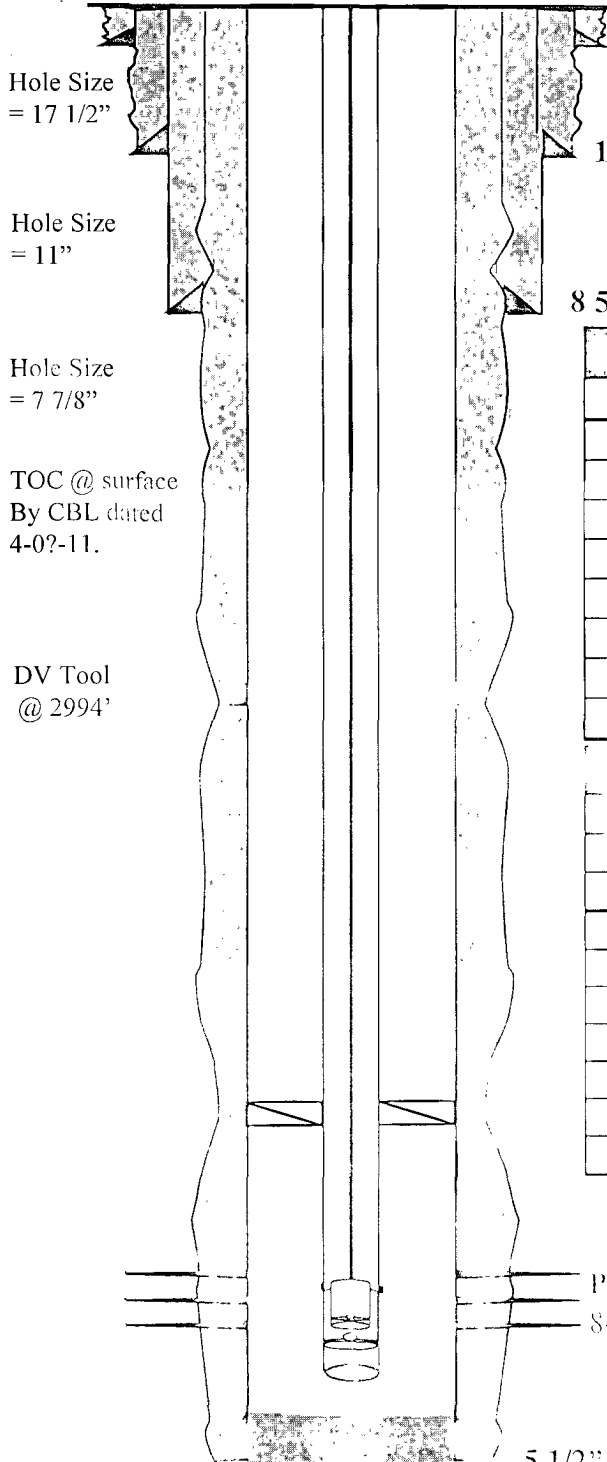
RKB = 3700'

KB = 12'



### Surface Location

1650' FNL & 1780' FWL,  
Section 36, T-17-S, R-28-E,  
Eddy County, NM  
API #: 30-015-38410



20" conductor @ +/-40'  
cmt'd to surface 26" hole

13 3/8" 48# H-40 Csg @ 311' cmt'd W/325 sx (circ'd)

8 5/8" 24# J-55 Csg @ 800' cmt'd W/1100 sx (circ'd)

### TUBING DETAIL

Qty	Description	Length	Depth
---	None in hole.	0.00	0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00

### ROD & PUMP DETAIL

Qty	Description	Length	Depth
	None in hole.		0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00

Paddock Perfs: 4152, 80, 4200, 10, 30, 42, 60, 90, 4306, 24, 55,  
84, 4400, 30, 50, 75, & 93' (3 JSPF) (4/11)

5 1/2" 17# J-55 Csg @ 4601' First stage cmt'd W/330 sx  
(circ'd). Second stage cmt'd W/630 sx (circ'd).

PBTD = 4556'

TD = 4601'