

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>30-015-38409</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>I</u> : <u>1820</u> feet from the <u>S</u> line and <u>350</u> feet from the <u>E</u> line Section <u>25</u> Township <u>17S</u> Range <u>28E</u> NMPM County <u>EDDY</u>		8. Well Number <u>045</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3669 GR</u>		9. OGRID Number <u>873</u>
		10. Pool name or Wildcat ARTESIA; GLORIETA-YESO (o)

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 #45 VIA THE FOLLOWING PROCEDURE:

4/4/2011: DO DV Tool @ 3027'.

4/5/2011: Perf Lwr Paddock @ 4326, 34, 48, 66, 78, 90, 4418, 31, 44 W/3 SPF (27 Holes).

4/6/2011: PKR Set @ 4248'. Acidize Lwr Paddock W/1500 Gals 15% HCL NEFE @ 3.1 BPM & Drop 54 7/8" 1.3 Bio Ball Sealers. Flush W/29 BBLS 1% KCL FW. Release PKR & Knock Balls Off.

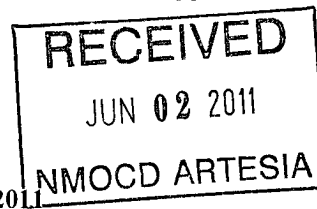
4/14/2011: Frac Lwr Paddock W/93,520 Gal 20# & 163,215# 16/30 White Sand. Pump 2008 Gal 15% NEFE HCL & 3150 Gal 20# Lin Gel Flush. Set CBP @ 4250'. Perf Upper Paddock @ 4006, 20, 30, 40, 53, 63, 78, 90, 4100, 28, 40, 50, 80, 90, 4200, 08 W/3 JSPF (48 holes). Acidize Upper Paddock W/2528 Gal 15% NEFE HCL & Drop 70 7/8" 1.3 Bio Ball Sealers. Frac Upper Paddock W/108,681 Gal 20# & 196,900# 16/30 White Sand. Pump 3864 Gal 20# Lin Gel Flush.

4/22/2011: DO CBP @ 4250', CO to PBD @ 4558'

4/26/2011: RIH W/158 JTS 2 7/8" TBG, TAC @ 3948', SN @ 4441'.

Spud Date: 3/17/2011

Rig Release Date: 3/26/2011



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: 5/10/2011

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  
Conditions of Approval (if any):

TITLE: Field Supervisor

DATE: 6-7-11

# Apache Corporation – D State #45

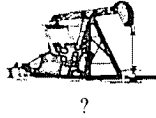
Date: 4-5-11

## Wellbore Diagram - Present Status

Ground Elevation = 3669'

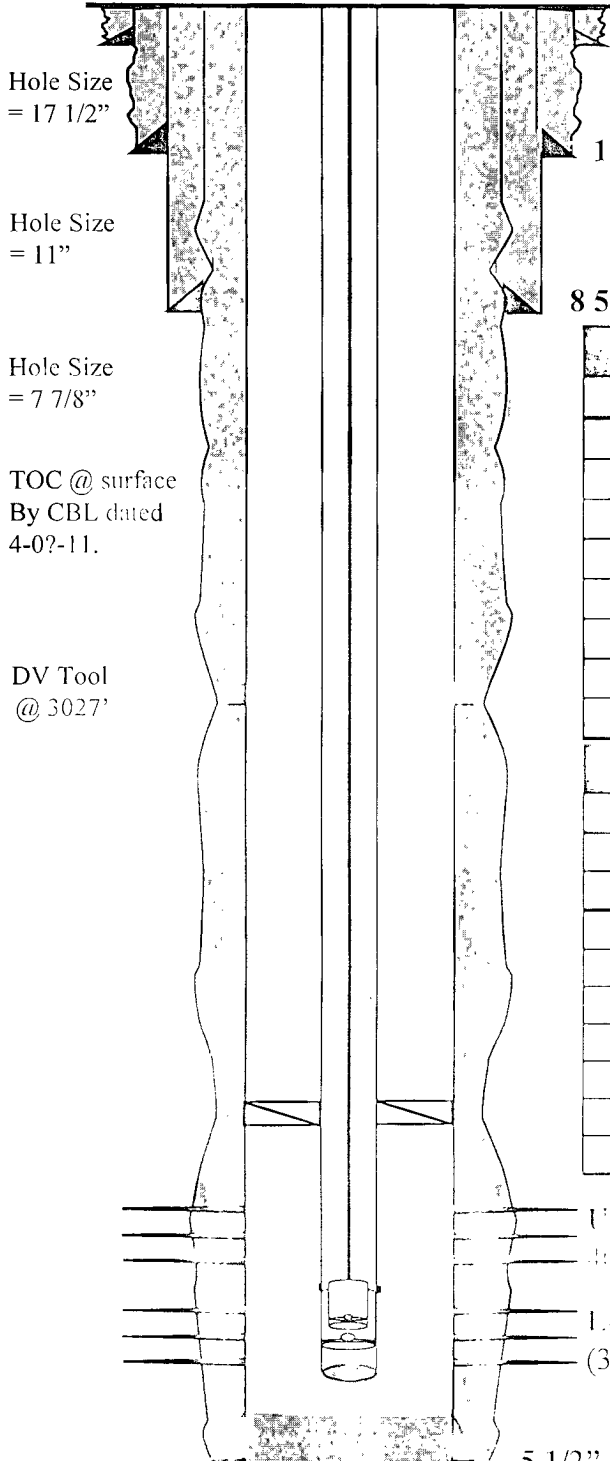
RKB = 3681'

KB = 12'



### Surface Location

1820' FSL & 350' FEL,  
Section 25, T-17-S, R-28-E,  
Eddy County, NM  
API #: 30-015-38409



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

13 3/8" 48# H-40 Csg @ 327' cmt'd W/325 sx (circ'd)

8 5/8" 24# J-55 Csg @ 800' cmt'd W/355 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

Upper Paddock Perfs: 4006, 20, 30, 40, 53, 63, 78, 90, 4100, 28, 41, 52, 80, 90, 4200, & 03' (3 JSPF) (4/11)

Lower Paddock Perfs: 4326, 34, 48, 66, 78, 90, 4418, 31, & 44 (3 JSPF) (4/11)

5 1/2" 17# J-55 Csg @ 4600' First stage cmt'd W/310 sx (circ'd). Second stage cmt'd W/525 sx (circ'd).

PBTD = 4558'

TD = 4600'