

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

**HOBBS OGD**  
**JUN 27 2016**  
**RECEIVED**

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

WELL API NO. 30-025-39635
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. A0-3071
7. Lease Name or Unit/Agreement Name Hansen State
8. Well Number 014
9. OGRID Number 873
10. Pool name or Wildcat Monument; Tubb (47090)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3543 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  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 B : 910 feet from the North line and 2310 feet from the East line  
 Section 16 Township 20S Range 37E NMPM County Lea

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input 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: <u>WO</u> <input checked="" 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 complete the following work: Please see attached procedure and wellbore diagram.

Spud Date: 10/26/2010      Rig Release Date: 11/08/2010

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

SIGNATURE Isabel Hudson TITLE Regulatory Analyst DATE 06/22/2016

Type or print name Isabel Hudson E-mail address: isabel.hudson@apachecorp.com PHONE: (432) 818-1142

**For State Use Only**

APPROVED BY: Mary Brown TITLE Dist Supervisor DATE 6/27/2016

Conditions of Approval (if any):

*(Handwritten checkmark)*



June 21, 2016

Hansen State # 14

API # 30-025-39635

Lea County, NM

Production Casing: 5-1/2" 17# Set @ 7,705'

Producing Interval: **6,402-533'**; **6,652-866'**; **7,025-34'**

**Objective:** Isolate open perms and re-complete in Paddock

**Procedure:**

1. POOH with rods and tbg
2. Set CIBP @ 6,350' with 35' cmt
3. Pressure test casing to 600 psi
4. Perforate with casing gun (4 spf 60° phasing, large diameter hole, deep penetrating charges):
  - 5,211-17'
  - 5,219-34'
  - 5,236-40'
  - 5,242-46'
5. Test tbg to 80%
6. RIH with a packer and set it at 5,150'. Pressure up to 600 psi in the annulus.
7. Acidize formation with 3,000 gallon of 15% HCL and use balls for diverter
8. Knock off the balls and swab test the formation
9. RIH with TAC and rod pump
10. Return the well to production



GL=3541'  
KB=3552'  
Spud:10/26/10

# Apache Corporation – Hansen State #14

## Wellbore Diagram – Proposed

Date : 6/21/2016  
K. Grisham

API: 30-025-39635

### Surface Location



910' FNL & 2310' FEL,  
Lot B Sec 16, T20S, R37E, Lea County, NM

### Surface Casing

13-3/8" 48#, H-40 @ 1162' w/ 1010 sxs to surface

### Intermediate Casing

8-5/8" 32#, J-55 @ 4824' w/ 1655 sxs to surface

EOT @ 6522'

6/11: Frac Tubb 6402-6533', pump 15834 gals linear gel spacer pump 9198 gals linear get pad. Pump 29778 gals (1-5 ppg ramp) 20/40 white. Pump 5628 gals 20/40. Pump 6174 gals linear gel flush. Drill out plug @ 6630' and push on top of plug @ 6900', continued pushed plug to 6915', had metal cuttings & some cmt in returns. Drilled to 6945' and found Drinkard sqz communicated DH to Abo to stage 4 perfs 6918-3954'. TOH w/ tubing & found that it parted 4' above bit sub, left in hole. Tagged fish @ 6917', circ wash over fish down to 6922' (est fish length is 7'). Continued milling down to 6930' with large pieces of cmt CBP & some metal in returns. Milled to 6933', stopped making hole. First 2' getting 100% cmt and last 1' was 90% metal shavings. Tagged tbg @ 6922' and could not work tools through. Continued w/ new shoe & DC but could not make hole while getting large metal cuttings & cmt in returns. TOH w/ worn shoe - no sign of lost 4' in hole. TIH w/ tbg to 6522' but could not get through bad csg. TIH w/ tbg & pump. Well producing only from Tubb.

5/11: Perf Drinkard 6652'; 54'; 56'; 66'; 83'; 6726'; 6750'; 54'; 59'; 97'; 6802'; 14'; 20'; 26'; 43'; 50'; 64'; 66' w/ 2 jspf (38 holes). Acidize w/ 3000 gals 15% HCl NEFE. Sqz Drinkard w/ 100 sxs cmt. Set CBP @ 6630'. Perf Tubb 6402-04'; 25-27'; 67-69'; 92-94'; 6531-33' w/ 1 jspf (30 holes). Acidize w/ 3000 gals 15% HCl NEFE.

12/10: Perf Abo @ 7523-26'; 29-33'; 36-38'; 43-47'; 54-58'; 74-79'; 86-90'; 7602-08' w/ 2 jspf (80 holes). Acidize Abo w/4000 gals 15% HCl NEFE. Set CBP @ 7515'. Perf Abo fr/ 7372-90'; 95-99'; 7413-20'; 25-28'; 50-54'; 60-64'; 67-70'; 73-76' w/ 2 jspf (108 holes). Acidize w/ 4000 gals 15% HCl NEFE.

1/11: Set CBP @ 7350'. Perf Abo fr/ 7238-43'; 45-50'; 52-54'; 60-63'; 85-88'; 7299-7310' w/ 2 jspf (70 holes). Acidize Abo w/ 3000 gals 15% HCl NEFE. Set CBP @ 7220'. Perf Abo @ 7052-57'; 79-82'; 86-93'; 96-7100'; 04-12'; 43-50'; 52-60' w/ 2 jspf (112 holes). Acidize Abo w/ 4000 gals 15% HCl NEFE. Perf Abo fr/ 6918-22'; 28-54'; w/ 2 jspf (64 holes). Acidize Abo w/ 2000 gals 15% HCl NEFE. DO 1st CBP, pull above perfs. Push plugs 7656'. Circ hole clean & start producing.

5/11: Set CBP @ 7048 & perf 7025-27'; 7032-34'. Acidize Abo perfs w/ 2000 gals 15% NEFE. Set CBP @ 6900'.

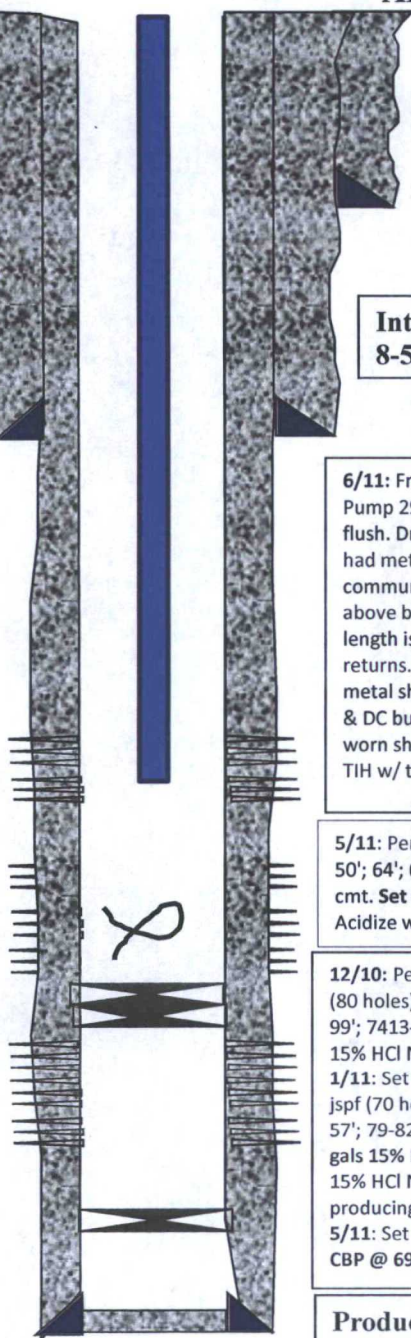
### Production Casing

5-1/2" 17# J-55 @ 7705' w/ 1210 sxs

Hole Size =17-1/2"

Hole Size =11"

Hole Size =7-7/8"



PBTD = 7,656  
MD =7,708'