

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

WELL API NO. 30-025-39635
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. A0-3071
7. Lease Name or Unit Agreement Name Hansen State (306601)
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	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3543' GL	

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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER: WO ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
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 perform the following work:
Objective: Isolate open perfs and add perfs
Procedure:

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

Producing Interval: 5,211-46'

1. POOH with rods and tbq
2. Perforate with casing gun (4 spf 60° phasing, large diameter hole, deep penetrating charges):
• 5,612-731'
3. Pick up SN, 6' pup jt, AS-1X packer, on/off tool, 400' of tbq, hydraulic set isolation packer. Set AS-1X packer @ 5,562', Isolation packer @ 5,150'
4. Pressure up to 500 psi in the annulus.
5. Acidize formation with 3,000 gallon of 15% HCL and use salt for diverter
6. Return the well to production

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 Alonso

TITLE Regulatory Analyst

DATE 01/30/2017

Type or print name Isabel Alonso

E-mail address: Isabel.alonso@apachecorp.com

PHONE: (432) 818-1142

For State Use Only

APPROVED BY:

[Signature]

TITLE

Petroleum Engineer

DATE

02/03/17

Conditions of Approval (if any):



January 28, 2017

Hansen State # 14

API # 30-025-39635

Lea County, NM

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

Producing Interval: **5,211-46'**

Objective: Isolate open perfs and add perfs

Procedure:

1. POOH with rods and tbg
2. Perforate with casing gun (4 spf 60° phasing, large diameter hole, deep penetrating charges):
 - 5,612-731'
3. Pick up SN, 6' pup jt, AS-1X packer, on/off tool, 400' of tbg, hydraulic set isolation packer. Set AS-1X packer @ 5,562', Isolation packer @ 5,150'
4. Pressure up to 500 psi in the annulus.
5. Acidize formation with 3,000 gallon of 15% HCL and use salt for diverter
6. Return the well to production

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

Apache Corporation – Hansen State #14

Wellbore Diagram – Current

Date : 1/28/17
MM

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'

Hole Size
=17-1/2"

Hole Size
=11"

Hole Size
=7-7/8"

10/16: CIBP @ 6,340' w/ 35' cmt

Perf: 5,211-17'; 5,219-34'; 5,236-40'; 5,242-46', acidize w/ 3,000 gals

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.

5/11: Perf Drinkard 6652'; 54'; 56'; 66'; 83'; 6726'; 6750'; 54'; 59'; 97'; 6802'; 14'; 20'; 26'; 43'; 50';
64'; 66' w/ 2 jsp (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 jsp (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

PBTD = 7,656
MD = 7,708'