

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

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.)		WELL API NO. 30-025-06126
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 Apache Corporation		6. State Oil & Gas Lease No. A-3071
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705		7. Lease Name or Unit Agreement Name Hansen State
4. Well Location Unit Letter A : 660 feet from the North line and 990 feet from the East line Section 16 Township 20S Range 37E NMPM County Lea		8. Well Number 003
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3563 GL		9. OGRID Number 873
		10. Pool name or Wildcat Eunice Mnment; Grayburg-SanAndres 23000

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
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: Add Perfs to Grayburg-San Andres <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:

05/18/1996

Rig Release Date:

06/04/1996

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

6/23/2016

Type or print name Isabel Hudson

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

PHONE: (432) 818-1142

For State Use Only

APPROVED BY:

Malay BROWN

TITLE

Dist. Supervisor

DATE

6/27/2016

Conditions of Approval (if any):



June 21, 2016

Hansen State # 3

API # 30-025-06126

Lea County, NM

Production Casing: 4-1/2" 11.6# Set @ 7,963'

Producing Interval: **4,018-92'**

Objective: Isolate open perfs and add perfs to Grayburg-San Andres

Procedure:

1. POOH with rods and tbg
2. Set CIBP @ 4,000'
3. Pressure test casing to 600 psi
4. Perforate with 3-1/8" slick gun (4 spf 60° phasing, large diameter hole, deep penetrating charges):
 - 3,722-24'
 - 3,758-61'
 - 3,767-69'
 - 3,779-82'
 - 3,792-94'
 - 3,800-04'
 - 3,810-16'
 - 3,838-42'
 - 3,858-68'
 - 3,890-92'
 - 3,902-17'
5. Test tbg to 80%
6. RIH with a packer and set it at 3,680'. 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=3562'
KB=3576'
Spud:6/1937

Apache Corporation – Hansen State #3

Wellbore Diagram – Current

API: 30-025-06126

Date : 6/22/2016
K. Grisham

Surface Location

660' FNL & 990' FWL,
Lot A Sec 16, T20S, R37E, Lea County, NM



Surface Casing
9-5/8" @ 266' w/ 200 sxs

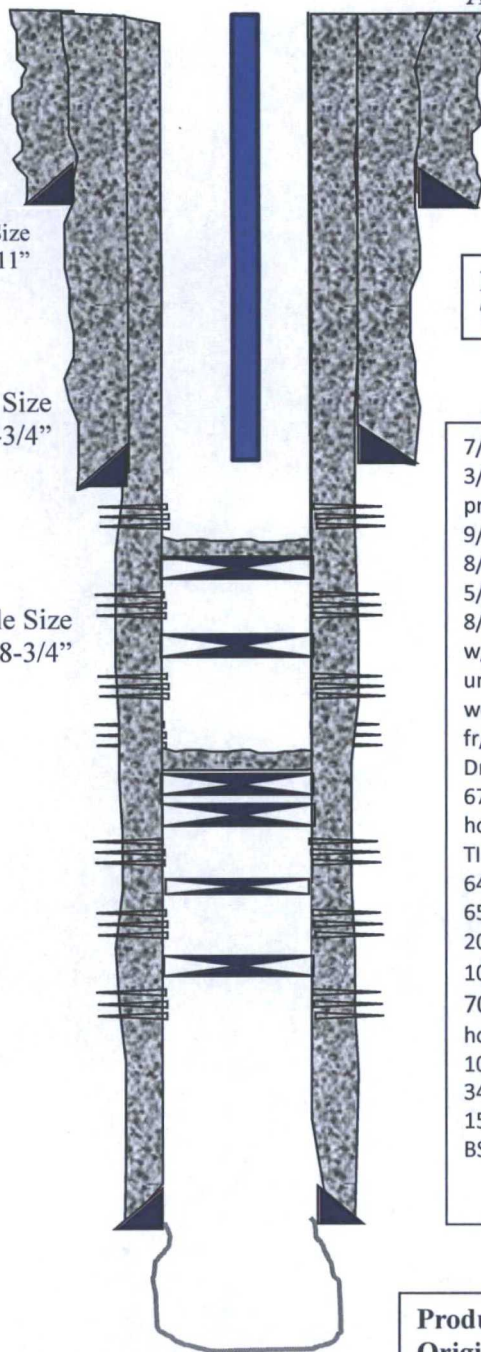
Intermediate Casing
7" @ 3700' w/ 800 sxs

124 jts 2-3/8" tbg

Hole Size
=11"

Hole Size
=8-3/4"

Hole Size
=8-3/4"



PBTD = 7,984'
MD = 7,986'

7/37: Acidize OH (3700-3887') w/ 5000 gals acid.
3/38: Shot off OH pkr w/ 14' of subs, leaving 20' fish in hole @ 3861-81'. Returned to production flowing.
9/64: Installed pumping unit.
8/74: Well status changed to TA due to water production.
5/96: Washed OH fr/ 3700-3889'.
8/96: Drilled fr 3889-7986'. Tagged btm @ 7986' & ran logs. RIH w/193 jts csg & cmt w/ 730 sxs. DO cmt & circ hole clean. Perf Penn fr 7848-65' w/ 4 jsp. Zone tests uneconomical. Set CIBP @ 7815'. Perf Penn fr/ 7758-7780' w/ 4 jsp (92 holes). Swab well, tests uneconomical. Set CIBP @ 7680' & cap w/ 35' cmt fr/ 7645-80'. Perf Abo fr/ 7042-7052' w/ 4 jsp (44 holes). Acidize w/ 3300 gals HCl. Set RBP @ 6966'. Perf Drinkard fr/6630-6660'; 6664-6689'; 6706-6715'; 6718-6729'; 6746-6751'; 6756-6760'; 6764-6766'; 6790-3802w/ 2 jsp & fr/ 6697-6701'; 6808-16 & 6832-40'. (258 holes). Acidize perms w/ 6600 gals 15% HCl & 300 BS. Swab and tested uneconomical. TIH w/ RBP. Set CIBP @ 6966' & 6620'. Perf Tubb fr/ 6345-60'; 6370-90'; 6401-13'; 6419-25'; 6432-35'; 6440-50'; 6456-65'; 6470-92'; 6498-6501'; 6515-26'; 6528-32'; 6540-48'; 6553-60' w/ 2 jsp (286 holes). Spotted 1000 gals 15%. Pump 17,130 gals 20# gelled pad w/ 68,100 gals Delta Frac 20, 176,000# of 20/40 ottawa sand. RTP.
10/96: Sqz'd perms w/ 300 sxs cmt. Perf fr/ 5617-5746' w/ 2 jsp & acidized w/ 7000 gals 15% & 120 BS. Tested uneconomical. Perf fr/ 5198-5238' w/ 2 jsp (80 holes). Acidized w/ 2500 gals 15% & 120 BS.
10/07: Set CIBP @ 5150'. Circ hole clean. Perf Grayburg/SA from 4018-22'; 25-28'; 32-34'; 43-45'; 49-51'; 52-54'; 69-72'; 76-78'; 84-86'; 88-92' and acidized w/ 1500 gals 15% HCl. Dump 10' cmt on CIBP. Swab & acidize w/ 1500 gals 15% NEFE dropped 50 BS.

Production Casing
Original TD 3889' (OH fr/ 3700-3889)
4-1/2" @ 7936' w/ 730 sxs
OH fr/ 7936-7986'