

Submit 3 Copies 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  
June 19, 2008

<b>HOBBBS OIL CONSERVATION DIVISION</b> 1220 South St. Francis Dr. Santa Fe, NM 87505 MAR 14 2013		WELL API NO. 30-025-40603
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>		6. State Oil & Gas Lease No.
7. Lease Name or Unit/Agreement Name J R Phillips		8. Well Number 018
9. OGRID Number 873		10. Pool name or Wildcat Monument; Abo (46970)
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: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other:		
2. Name of Operator Apache Corporation		
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705		
4. Well Location Unit Letter H : 2310 feet from the North line and 330 feet from the East line Section 1 Township 20S Range 36E NMPM County Lea		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3571' GL		

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" 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"/>			
OTHER: <input 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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache intends to perf and acidize the Upper Abo and RTP.

Spud Date:

09/21/2012

Rig Release Date:

10/06/2012

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

SIGNATURE

Reesa Holland

TITLE Sr. Staff Reg Tech

DATE 03/13/2013

Type or print name Reesa Holland

E-mail address: Reesa.Holland@apachecorp.com

PHONE: 432/818-1062

For State Use Only

APPROVED BY:

[Signature]

TITLE Dist Mgr

DATE 3-20-2013

Conditions of Approval (if any):

MAR 20 2013

J.R. Phillips #18

API # 30-025-40603

Sec 1, T20S, R36E

Elevation: 3584' KB, 3571' GL

TD: 7,802'

PBTD: 7,757'

Casing Record: 13-3/8" 48# H-40 @ 990' w/ 730 sxs  
8-5/8" 24# HCK-55& J-55 @ 4,760' w/ 250 sxs  
5-1/2" 17# L-80 @ 7,802' w/ 1172 sxs

Perfs: Abo: 7270-77; 7323-32; 7344-46; 7381-85; 7412-17; 7458-68; 7482-88; 7533-38; 7546-49; 7573-82; 7590-7600 w/ 2 jspf 60° phasing (140 holes)

Objective: Perforate and acidize the upper Abo and RWTP.

AFE: PA-12-0701-C

1. MIRU unit. Check pressure on well. Kill well as necessary. Unseat pump. POOH w/ rods and pump.
2. ND WH. NU BOP. Release TAC. POOH w/ tubing and TAC.
3. PU and RIH w/ 3-7/8" bit, bit sub, and drill collars on 2-7/8" J-55 tubing to be used as work string to PBTD at 7,757'. POOH.
4. MIRU WL. TIH w/ perforating guns. Perforate the upper Abo from 6894-6900; 6904-06; 6919-23; 6928-30; 6936-38; 6953-65; 6981-84; 6990-94; 7001-03; 7060-74; 7100-7136 w/ 2 jspf 60° phasing using Connex 0.5" diameter BH charges (260 holes). **Correlate to the GR on Baker Hughes Z-Densilog, Compensated Neutron, Digital Spectrolog, Gamma Ray Log dated 10/5/12.**
5. TOH w/ perforating guns. RDMO WL.
6. RIH w/ SN and PKR-RBP w/ ball catcher straddle assembly on 2-7/8" WS. Set RBP w/ ball catcher below perforation at ± 7,180'. TOH and set PKR just above RBP and test to 1000 psi. Release PKR and TOH while spotting 230 gallons of 20% acid across new perforations. Set PKR just above perforations at ± 6,840'. Test backside to 500 psi.
7. MIRU acid services. Acidize the Abo (6894-7,136) with 6500 gallons 20% NEFE HCL w/ additives using 300 ball sealers to divert evenly spaced through the job at a max rate. Max treating pressure not to exceed 6000 psi at surface. Displace to bottom perf with 46 BBLS of flush. Surge balls.
8. Release PKR and TIH to knock balls off perforations. TOH and set PKR at 6,840'.
9. RU swab equipment and recover load and swab test for fluid entry and oil cut. Report results to Midland. RD swab equipment.
10. Kill well if necessary. Release PKR and TIH to RBP. Latch and release RBP. POOH w/ RBP-PKR.
11. RIH w/ production tubing and rods as per the Monument office specifications.
12. RDMOPU. Return well to production and place into test for 10 days.

GL=3571'  
KB=3584'  
Spud:9/21/12

## Apache Corporation – J. R. Phillips #18

### Wellbore Diagram – Proposed

Date : 3/22/2013

API: 30-025-40603

#### Surface Location

R. Taylor



2310' FNL & 330' FEL,  
Sec 1, T20S, R36E, Lea County, NM

#### Surface Casing

13-3/8" 48# H-40 @ 990' w/ 730 sxs to surface

DV Tool @ 3412'

#### Intermediate Casing

8-5/8" 32# HCK-55 & J-55 @ 4760 w/ 250 sxs; 2nd  
stage w/ 853 sxs to surface.

DV Tool @ 5451'

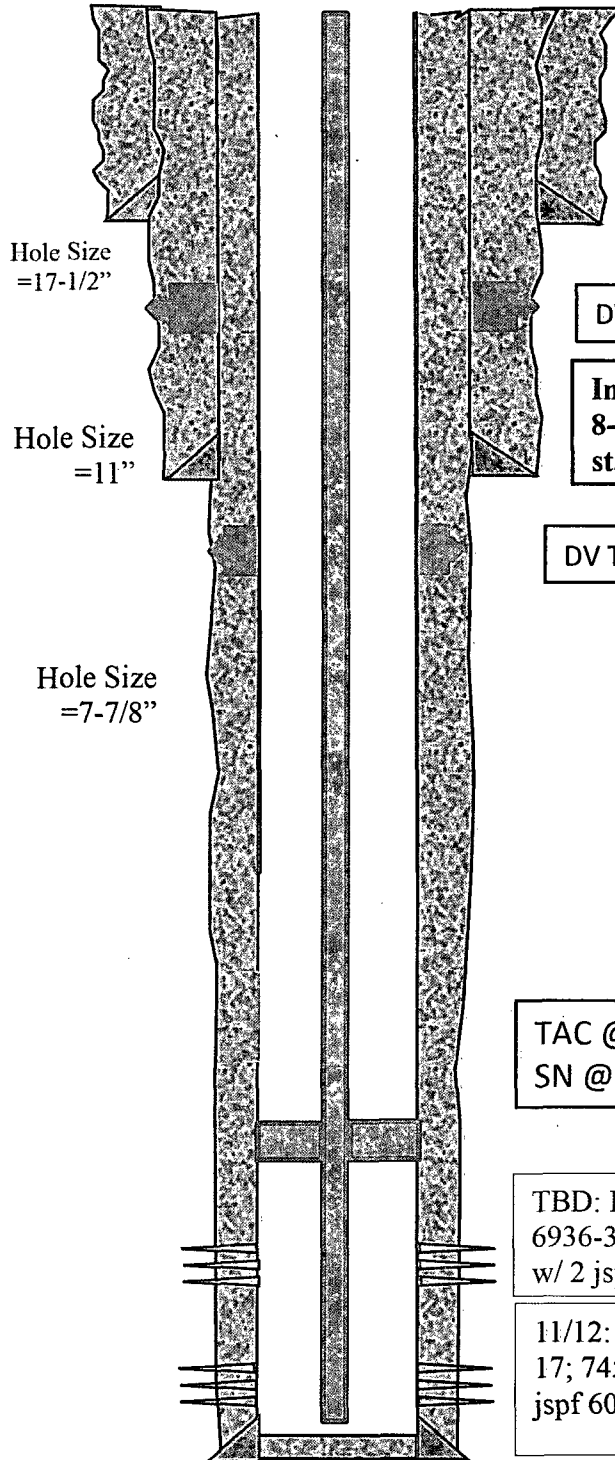
TAC @ TBD'  
SN @ TBD'

TBD: Perf UPR Abo @ 6894-6900; 6904-06; 6919-23; 6928-30;  
6936-38; 6953-65; 6981-84; 6990-94; 7001-03; 7060-74; 7100-7136  
w/ 2 jspf (260 holes) Acidized w/ 6500 gal 15% NEFE

11/12: Perf LWR Abo @ 7270-77; 7323-32; 7344-46; 7381-85; 7412-  
17; 7458-68; 7482-88; 7533-38; 7546-49; 7573-82; 7590-7600 w/ 2  
jspf 60° phasing (140 holes) Acidized w/ 5000 gal 15% NEFE

#### Production Casing

5-1/2" 17# L-80 @ 7802' w/ 555 sxs;  
2nd stage w/ 617 sxs to surface



PBTD = 7,757'  
MD = 7,802'