

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

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. 30-025-33696
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 302375
7. Lease Name or Unit Agreement Name W A WEIR
8. Well Number 13
9. OGRID Number 873
10. Pool name or Wildcat MONUMENT-ABO

**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  **HOBBS OCD**

2. Name of Operator  
Apache Corporation

3. Address of Operator  
303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705

4. Well Location  
 Unit Letter **C** 330 feet from the **N** line and 1650 feet from the **W** line  
 Section 35 Township 19S Range 36E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

MAR 26 2019  
 RECEIVED

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: RECOMPLETE WELL TO THE <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 RUN CBL SQUEEZE HOLES @ +/-3500 PER CBL AND RUN MIT TEST TO GAIN COMPLIANCE IN THE MONUMENT-ABO POOL THEN RECOMPLETE WELL UPHOLE TO THE GRAYBURG FORMATION IN THE EUNICE MONUMENT G/SA POOL (23000) MOVING INTO THE NMGSA UNIT  
 PERF GRAYBURG 4054-4130  
 ACIDIZE 4054-4130 W/5000 GALS 15%HCL AND 150 BALL SEALERS AND PUT ON PRODUCTION  
 ONCE WORK IS COMPLETED WELL NAME AND NUMBER WILL CHANGE TO NMGSAU WORK TO BE COMPLETED BY END OF 2019

Spud Date: 11-26-96 Rig Release Date: 12-10-96

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

SIGNATURE Alicia Fulton TITLE Sr. Staff Reg Analyst DATE 3/25/2019

Type or print name Alicia Fulton E-mail address: alicia.fulton@apachecorp.com PHONE: (432) 818-1062

**For State Use Only**

APPROVED BY: [Signature] TITLE \_\_\_\_\_ DATE 04/04/19

Conditions of Approval (if any):  
PLUG BACK DENIED MUST SUBMIT C-101 & C-102 FOR PLUGBACK TO EUNICE MONUMENT, G/SA

W A Weir #13 (API: 30-025-33696)

AFE: TBD

Recomplete Grayburg – Bring into NMGSAU Waterflood

Day 1: RU SU. PU workstring. RIH w/bit and scraper to >4500'. POOH. RU WL. Run CBL from ±4500' – surface. Send logs to Midland. Perforate squeeze holes @ ±3500' (or per results of CBL, **discuss with Midland engineering prior to perforating**). RIH w/tubing and establish circulation through squeeze holes. If full returns are established, pump dye and measure annular volume.

Day 2/3: POOH w/tubing. RIH and set CICR @ ±3450'. RIH w/workstring and sting into CICR. Establish circulation. Squeeze 5-1/2" x 8-5/8" casing annulus w/30% excess cement volume based on annular capacity. WOC.

Day 4: RIH and DO CICR and cement. Pressure test squeeze. If squeeze perms don't pass pressure test, contact Midland engineering regarding how to proceed.

Day 5: RU WL. RIH and perforate the Grayburg formation as follows w/2 SPF and 180 deg. Phasing.

**NOTE:** CBL perf depths will be picked after running CBL by Midland engineering.

Zone	Porosity Log		CBL		Footage	SPF	# Holes
	Top	Bottom	Top	Bottom			
Grayburg	4054	4061	TBD	TBD	7	2	14
Grayburg	4065	4098	TBD	TBD	33	2	66
Grayburg	4105	4130	TBD	TBD	25	2	50

RD WL. RIH w/RBP and packer. Set RBP at ±4300'. Set packer @ ±4000'.

Day 6/7: **Acidize Grayburg w/5000 gals 15% HCl and 150 ball sealers.**

Swab test Grayburg for pumping unit sizing.

Release packer. RIH and latch RBP. Release RBP and POOH. Lay down workstring.

Day 8: Finish POOH and lay down workstring. RIH w/tubing. RIH w/rods and pump. Set PU. POP.

GL=3639'  
KB=3651'  
Spud:11/26/96

# Apache Corporation – WA Weir #13

## Wellbore Diagram – Current

Date : 8/1/2018

API: 30-025-33696

### Surface Location

R. Taylor



330' FNL & 1650' FWL,  
Lot C Sec 35, T19S, R36E, Lea County, NM

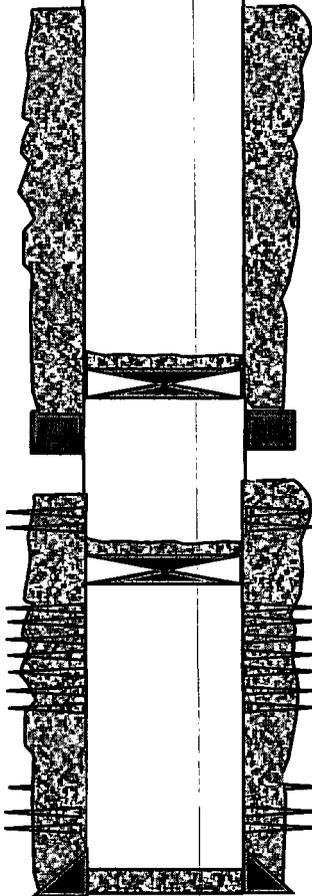
Hole Size  
=11"



Surface Casing  
8-5/8" 24# J-55 @ 1205' w/ 330 sxs

TOC @ 3538'

Hole Size  
=7-7/8"



9/13: TA well. CIBP set @ 6938' w/ 35' cmt on top.

poor cement from 6968-7567

PKR Stage tool @ 6948. Cement w/ 1150 sxs to surface

8/13: Perf Upper Abo @ 7015-19, 7051-56, 7073-79, 7124-28, 7133-39' w/ 2 jspf (50 holes). Acidized w/ 2500 gal 15% HCL

8/13: CIBP set @ 7240 w/ 3 sx cmt on top

10/08: Re-perf @ 7258-7397 w/ 2 jspf. (186 holes). Acidize 7258-7456 w/ 6250 gal 15% NEFE BXDX w/ ASOL

12/96: Perf Abo @ 7258-63; 7266-75; 7285-89; 7295-7318; 7320-26; 7333-42; 7345-49; 7353-56; 7364-69; 7372-76; 7379-84; 7387-97 w/ 2 jspf (186 holes). Acidized w/ 4400 gal 15% NEFE DI HCL

1/07: 17 Drum scale SQZ w/ chemical pill

3/07: Acidize w/ 2500 gal 15% NEFE w/ 10% zylene w/ 55 gal WCW 2223 & 165 gal XC120

12/96: Perf @ 7400 w/ 4 jspf. SQZ'd w/ 268 sxs

10/08: Perf 7446-56 w/ 3 jspf (34 shots)

PBTD = 7,567'  
MD = 7,660'

Production Casing  
5-1/2" 15.5# K-55 @ 7660' w/ 350 sxs

GL=3639'  
KB=3651'  
Spud:11/26/96

# Apache Corporation – WA Weir #13

## Wellbore Diagram – Proposed

Date : 3/25/2019

API: 30-025-33696

### Surface Location

A. Hernandez



330' FNL & 1650' FWL,  
Lot C Sec 35, T19S, R36E, Lea County, NM

### Surface Casing

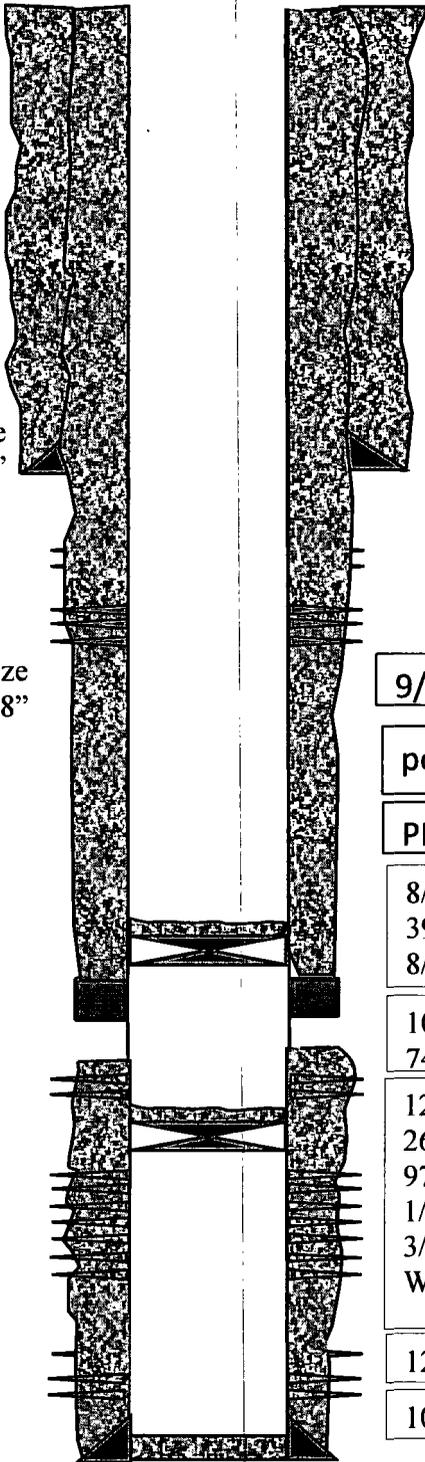
8-5/8" 24# J-55 @ 1205' w/ 330 sxs

### TOC @ Surface

TBA: Perforate sqz holes @ ±3500'. Set CICR @ ±3450', sqz 5-1/2" x 8-5/8" casing annulus w/30% excess cement volume based on annular capacity. DO CICR. Pressure test squeeze.  
Perf Grayburg @ 4054-4061, 4065-4098, 4105-4130' w/ 2 JSPF.  
Acidize Grayburg 4054-4130' w/ 5000 gals 15% HCL & 150 ball sealers.

Hole Size  
=11"

Hole Size  
=7-7/8"



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