HOBBS OCD

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<u>District 1</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Rio Brazos Rond, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

MAR 0 4 ZUMergy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-101 Revised July 18, 2013

☐AMENDED REPORT

APPLI	CATIO	ON FOR	PEF	RMIT T	O DE	ILL	, RE-EN	TER,	DE	EPEN	, PLI	JGBAC	K, OF	R ADI	AZ	ONE			
APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPI TO Operator Name and Address											873 OGRID Number								
Apache Corporation: 303 Veterans Airpark Lane, Suite 3000 Midland, TX										· · · · · · · · · · · · · · · · · · ·				API Number					
306627 Prope	erty Code		State AC		ame [30-025-35				<u>-020-000</u>	026 ° Well No.									
000027	 -	<u>t</u>	• • • • • • • • • • • • • • • • • • •	Otato / to		7. S	urface Lo	cation	_				020	<u> </u>					
UL - Lot Section		Township	1	Range		t Idn	Feet fro			Feet From		E/W Line		County					
E	06 188		35E		5		2180			North		400		West		Lea			
UL - Lot	Section.	Township	Range		Lot Idn		Feet fro	Hole Location N/S Line			Feet From		E/W Line		County				
02 200	oz zot Genon.		- Kango		LOI IGE		T CCI MO		i 45 Cine		1 cct 1 out		E) W Ellie		Sami				
<u></u>	<u> </u>		l			9 17)]				ŀ		<u> </u>		<u> </u>				
							ool Inforn	nation	.,_,,							Pool Code			
Vacuum; Al		, m						61780											
					A	dditio	nal Well I		tion										
Work Type 12. Well Type 13. Cable/i							"13Cable/Ro	otary	lary S		14 Lease Type		396	15. Ground Level Elevation 3967'					
16. Multiple 17. P				Proposed Depth 18. Forma				ion	l l			ractor		^{20.} Spud Date					
N 11,497 L. Morrow Depth to Ground water Distance from nearest fresh								well				Distance to nearest sur			·····				
Depin to droi	and videor			Dista	THOUTOS								TIBEC WAIGI						
We will b	e using a	closed-loo) syste	m in lieu o	f lined	pits													
				21.	Propo	sed C	asing and	Cemen	t Pro	gram									
Туре	Type Hole Size		Casi	ng Size	C	Casing Weight/ft			Setting Depth			Sacks of	Cement	ement Est		ated TOC			
Surface	ce 17-1/2"		13	-3/8"	48#				1382'			12	50						
Intermedia	termediate 12-1/4"		9-5/8"			40	#	5562'				20	50						
Productio	Production 8-1/2"		5-1/2"		17#/20#			11,500'			2100								
Casing/Cement Program: Additional Comments Apache would like to recomplete the Abo per the attached procedure.																			
Apache wo	uld like t	o recompl	ete the	Abo per	the att	ached	procedure] .											
	22. Proposed Blowout Preve											vention Program							
Туре				Working Pressure					Test Pres					Manufacturer					
23. ()								Y							· · · · · · · · · · · · · · · · · · ·				
best of my ki	23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.									OIL CONSERVATION DIVISION									
	I further certify that I have complied with 19.15.14.9 (A) NMAC and/or 19.15.14.9 (B) NMAC , if applicable									Approved By:									
Signaturė:		- Malland																	
Printed name	Fatima	Vasquez				Title:													
-	Title: Regulatory Analyst II										Approved Date: 17/96/14 Expiration Date: 123/06/1/								
E-mail Addre	ess: Fatim	a.Vasque	z@ap	achecorp.	.com							/ / /			11	7/10			
Date: 03/04	Date: 03/04/2014 Phone: (432) 818-1015										Conditions of Approval Attached								

Warn State AC 2 #26 API # 30-025-33541 Sec 5, T18S, R35E

Elevation: 3982' KB, 3967' GL

TD: 11,497'

PBTD: 9,220' CIBP @ 9,250

Casing Record: 13-

13-3/8" 48# H-40 @ 1382 w/ 554 sxs 9-5/8" 36/40# @ 5562' w/ 1800 sxs

5-1/2" 17/20# L-80 @ 11,495' w/ 2100 sxs

Perfs: Wolfcamp: 9495-9526; 9547-9611; 9624-49; 9661-98 (Inactive)

Pennsylvanian: 10,007-023; 10,039-054; 10,054-069; 10,259-273; 10,306-317; 10,508-527; 10,527-546;

10,546-556 (Inactive)

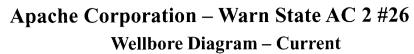
Objective: Re-complete to the Abo

AFE: 11-14-0619

1. MIRU unit. Kill well as necessary. Unload 2-7/8" N-80 WS. ND WH. NU BOP.

- 2. PU and RIH w/ bit, bit sub, and casing scrapper to PBTD at 9,250'. Test casing to 1000 psi. POOH.
- 3. MIRU WL. NU lubricator. PU and RIH with perforator and perforate the Abo from 8356-68; 8379-89; 8405-26; 8434-51; 8463-82; 8498-8512; 8561-69; 8613-25; 8642-60; 8668-94 w/ 2 jspf 120° phasing (314 holes). POOH with perf guns and rig down WL. Correlate to Schlumberger Platform Express Compensated Neutron Litho Density/NGT log dated 1/13/1997.
- 4. TIH w/ SN and RBP-PKR straddle assembly w/ ball catcher. Set RBP w/ ball catcher at \pm 8,760. TOH and set PKR above perfs at \pm 8,520'. *Open perforations above PKR*.
- 5. MIRU acid services. Acidize the Abo (8561-8694) down the tubing with 4,000 gallons 15% NEFE w/ additives dropping 200 ball sealers to divert evenly spaced throughout the job as a max rate but do not exceed 8,000 psi surface treating pressure. Displace to bottom perf with 55 bbls of flush. Release PKR, TIH and knock balls off. TOH and set PKR at 8,520'.
- 6. RU swab equipment and recover load and swab test for fluid entry and oil cut. Report results to Midland. RD swab equipment.
- 7. Kill well if necessary. TIH to RBP and ball catcher. Latch and release RBP. TOH w/ PKR-RBP and set RBP and ball catcher at \pm 8,550. Test RBP to 1000 psi. TOH w/ PKR and WS.
- 8. PU and RIH w/SN and PKR. Set PKR above new perforations at \pm 8,300°. Test backside to 500 psi.
- 9. MIRU acid services. Acidize the Abo (8356-8512) down the tubing with 6,000 gallons 15% NEFE w/ additives dropping 280 ball sealers to divert evenly spaced throughout the job as a max rate but do not exceed 8,000 psi surface treating pressure. Displace to bottom perf with 53 bbls of flush. Release PKR and knock balls off. TOH and set PKR at 8,300'.
- 10. RU swab equipment and recover load and swab test for fluid entry and oil cut. Report results to Midland. RD swab equipment.
- 11. Kill well if necessary. TIH to RBP and ball catcher. Latch and release RBP. TOH w/ PKR-RBP assembly and WS.
 - a. If Abo is productive, place well on production in upper and lower Abo.

- b. If Lower Abo is unproductive, TIH and set CIBP @ 8,520'. Place well on production in upper Abo.
- 12. RIH w/ 2-7/8" J-55 production tubing and rods as per the Monument office specification
- 13. RDMOPU. Set pumping unit. Return well to production and place into test for 10 days



Date: 2/4/2014

API: 30-025-33541

Surface Location

R. Taylor

2180' FNL & 400' FWL, Lot E Sec 6, T18S, R35E, Lea County, NM

Surface Casing 13-3/8" 48# H-40 @ 1382' w/ 554 sxs to surface

Intermediate Casing 9-5/8" 36/40# L-80/K-55 @ 5562' w/ 1800 sxs to surface

3/09: CIBP @ 9,250 w/ 30' of cmt on top

6/98: Perf @ 9330-37; 9348-58; 9366-83; 9401-17; 9421-52 w/ 2 jspf. Acidized w/ 20k gal 15% acid.

6/98: SOZ'd w/ 500 sxs cmt

2/00: Leak @ 9320-9417 SQZ'd w/ 100 sxs

5/98: Perf Wolfcamp @ 9495-9526; 9547-9611; 9624-49; 9661-98 w/ 2 jspf. Acidized w/ 35k gal 15% acid.

9/98: Acidize w/ 1500 gal 15% acid w/ 110 gal scale inhibitor.

5/98: Perf Wolfcamp @ 9752-9954 w/ 2 jspf. Acidized w/ 15k gal 15% acid. 5/98: SQZ w/ 400 sxs cmt

5/98: Perf Upper Pennsylvanian @ 10,007-23; 10,039-054; 10,054-069; 10,259-273; 10,306-317; 10,508-527; 10,527-546; 10,546-556 w/ 2 jspf 60° phasing. (238 holes). Acidized w/ 20k gal 15% acid.

6/00: CIBP @ 10,450 w/ 5' of cmt

6/00: CIBP @ 11,030 w/ 2 sxs cmt

10/97: TCP perforate Strawn @ 11080-90 w/ 6 spf 60° phasing. 10/97, SOZ'd w/ 25 sxs cmt

6/00: CIBP @ 11,121 w/ 2 sxs cmt

2/97: TCP perforate Atoka 11,152-11,205 (53')

4/97: Frac w/ 10,500 gal Hyborgel G4195 w/ 35k# introprop plus.

2/97: TCP guns 11,341-11,423

Production Casing 5-1/2" 17/20# L-80 @ 11495' w/ 2100 sxs

KB=3982' Spud:11/26/96 Hole Size =17-1/2" Hole Size =12-1/4" DV tool @ 9025 Atoka isolated 5/98-9/98 Hole Size =8-1/2" PBTD =11423 ' MD = 11497'

GL=3967'

Apache Corporation – Warn State AC 2 #26 GL=3967' Wellbore Diagram - Proposed KB=3982' Date: 2/17/2014 Spud:11/26/96 API: 30-025-33541 R. Taylor **Surface Location** 2180' FNL & 400' FWL, Lot E Sec 6, T18S, R35E, Lea County, NM Surface Casing Hole Size 13-3/8" 48# H-40 @ 1382' w/ 554 sxs to surface =17-1/2" **Intermediate Casing** Hole Size 9-5/8" 36/40# L-80/K-55 @ 5562' w/ 1800 sxs to surface =12-1/4" TAC @ TBD SN @ TBD TBD: Perf Abo Stage II @ 8356-68; 8379-89; 8405-26; 8434-51; 8463-82; 8498-8512 w/ 2 jspf (186 holes). Acidized w/ 6000 gal 15% NEFE TBD: Perf Abo Stage I @ 8561-69; 8613-25; 8642-60; 8668-94 w/ 2 jspf (128 holes). Acidized w/ 4000 gal 15% NEFE DV tool @ 9025 3/09: CIBP @ 9,250 w/ 30' of cmt on top 6/98: Perf @ 9330-37; 9348-58; 9366-83; 9401-17; 9421-52 w/ 2 jspf. Acidized w/ 20k gal 15% acid. 6/98: SQZ'd w/ 500 sxs cmt 2/00: Leak @ 9320-9417 SQZ'd w/ 100 sxs 5/98: Perf Wolfcamp @, 9495-9526; 9547-9611; 9624-49; 9661-98 w/ 2 jspf. Acidized w/ 35k gal 15% acid. 9/98: Acidize w/ 1500 gal 15% acid w/ 110 gal scale inhibitor. 5/98: Perf Wolfcamp @ 9752-9954 w/ 2 jspf. Acidized w/ 15k gal 15% acid. 5/98: SQZ w/ 400 sxs cmt 5/98: Perf Upper Pennsylvanian @ 10,007-23; 10,039-054; 10,054-069; 10,259-273; 10,306-317; 10,508-527; 10,527-546; 10,546-556 w/ 2 jspf 60° phasing. (238 holes). Acidized w/ 20k gal 15% acid. 6/00: CIBP @ 10,450 w/ 5' of cmt 6/00: CIBP @ 11,030 w/ 2 sxs cmt Atoka 10/97: TCP perforate Strawn @ 11080-90 w/ 6 spf 60° phasing. isolated 10/97. SOZ'd w/ 25 sxs cmt 5/98-9/98 6/00: CIBP @ 11,121 w/ 2 sxs cmt 2/97: TCP perforate Atoka 11,152-11,205 (53') 4/97: Frac w/ 10,500 gal Hyborgel G4195 w/ 35k# introprop plus. 2/97: TCP guns 11,341-11,423 Hole Size

Production Casing

5-1/2" 17/20# L-80 @ 11495' w/ 2100 sxs

=8-1/2"

PBTD =11423 '

MD = 11497'