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

HOBBS OCD

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

FEB 19 2013

RECEIVED

Form C-103
Revised August 1, 2011

	WELL API NO. 30-025-39582
	5. Indicate Type of Lease STATE ☐ FEE ☑
	6. State Oil & Gas Lease No.
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	7. Lease Name or Unit Agreement Name Bertha Barber 8. Well Number 024
2. Name of Operator Apache Corporation	9. OGRID Number 873
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705	10. Pool name or Wildcat Monument; Paddock (47080)
4. Well Location Unit Letter E : 2130 feet from the North line and 330 feet from the West line Section 05 Township 20S Range 37E NMPM County Lea	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3561' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: Complete Well ☑		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 complete this well in the Paddock as per the attached completion procedure.

Spud Date: 01/11/2010 Rig Release Date: 01/27/2010

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

SIGNATURE _____ TITLE Regulatory Tech I DATE 01/24/2013

Type or print name Fatima Vasquez E-mail address: Fatima.Vasquez@apachecorp.com PHONE: (432) 818-1015

For State Use Only

APPROVED BY: _____ TITLE Petroleum Engineer DATE FEB 20 2013

Conditions of Approval (if any):

FEB 20 2013

Apache Corporation – Bertha Barber #24

Wellbore Diagram – Proposed Status

GL=3561'
KB=3572'
Spud: 1/11/10

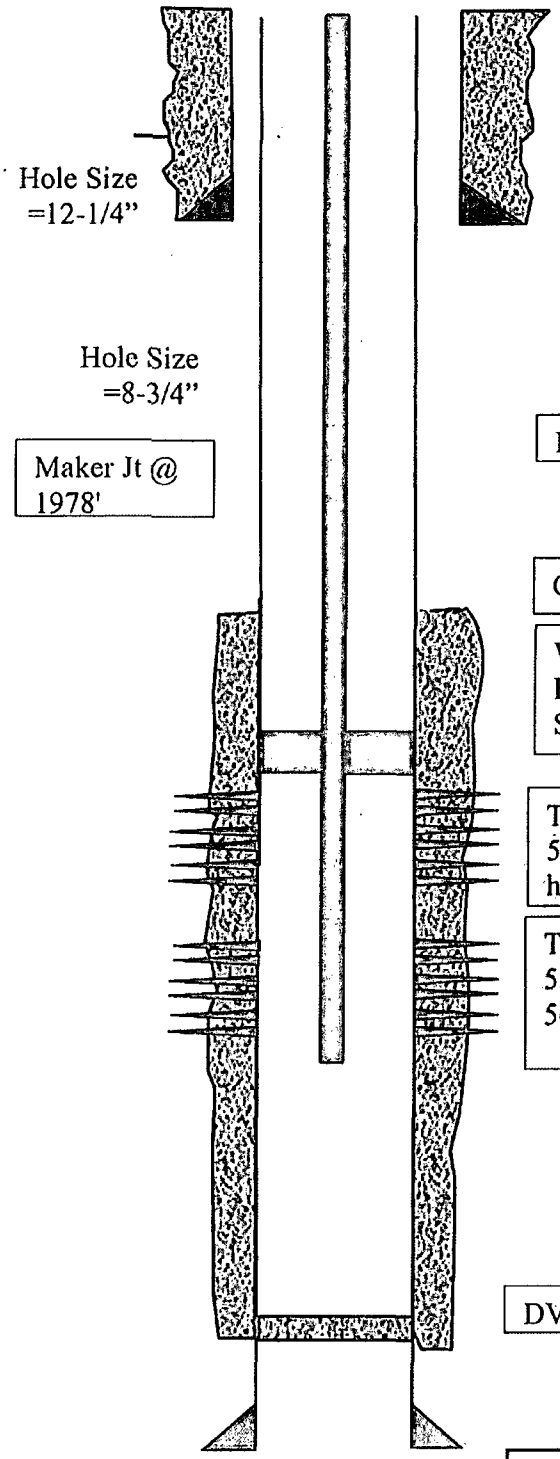
Date : 1/17/2013

API: 30-025-39582

R. Taylor

Surface Location

2130' FNL & 330' FWL, Unit
Sec 5, T20S, R37E, Lea County, NM



Hole Size =12-1/4"

Hole Size =8-3/4"

Surface Casing
9-5/8" 24# K-55 @ 1145' w/ 388 sx to surface

DV Tool @ 2887' cmt w/ 630 sxs cmt

Maker Jt @ 1978'

Good cmt to 3740'. FREE pipe from 3740-surface

Well drilled directionally from 1408' to 4504.
Fight loss returns from 3843 to TD. Loss a total at 17,075 BBLS.
Suspend drilling due to losses.

TBD: Perf UPR Paddock @ 5180-82; 5187-88; 5222-24; 5226-29; 5231-34; 5238-40; 5270-74; 5281-85; 5311-16; 5326-30 w/ 2 jspf (60 holes). Acidize w/ 3000 gal 15% NEFE

TBD: Perf LWR Paddock @ 5469-71; 5475-78; 5483-86; 5489-92; 5503-09; 5562-65; 5570-74; 5576-80; 5622-24; 5631-39; 5644-51; 5658-63 w/ 2 jspf (100 holes). Acidize w/ 4500 gal 15% NEFE

DV Tool @ 5771' w/ 785 sxs w/ 16 MCF N2

Production Casing
5-1/2" 17# L-80 @ 5888'

PBTD = 5776'
TD =5888'

Bertha Barber #24
API # 30-025-39582
Sec 5, T20S, R37E
Elevation: 3572' KB, 3561' GL
TD: 5,888'
PBTD: 5,771'
Casing Record: 9-5/8" 24# K-55 @ 1145' w/ 388 sxs
5-1/2" 17# L-80 @ 5888' w/ 785 sxs

Perfs: No Existing Perforations

Objective: Perforate and acidize the Paddock in two stages.

AFE: PA-13-3250

1. MIRU unit. Check pressure on well.
2. ND WH. NU BOP. PU and RIH w/ 4-3/4" bit, bit sub, and drill collars on 2-7/8" J-55 tubing to be used as work string to PBTD @ 5,771'. RU reverse unit and break circulation. Circulate new fluid in the hole. Test casing to 500 psi. POOH.
3. MIRU WL. RIH w/ 3-3/8" csg gun or available perforator and perforate the Paddock at 5469-71; 5475-78; 5483-86; 5489-92; 5503-09; 5562-65; 5570-74; 5576-80; 5622-24; 5631-39; 5644-51; 5658-63 w/ 2 jspf 60° phasing (100 holes). TOH with perf guns. **Correlate to Weatherford Compensated Neutron Gamma Ray/CCL log dated 2/9/2010.**
4. TIH w/ SN and PKR on WS. Spot 200 gallons acid across perforations. Set PKR just above new perforations at ± 5,420. Test backside to 1000 psi.
5. MIRU acid services. Acidize the LWR Paddock (5469-5663) down the tubing with 4500 gallons 15% NEFE w/ additives using 200 ball sealers to divert evenly spaced throughout the job as a max rate but do not exceed 6,000 psi surface treating pressure. Displace to bottom perf with 32 bbls of flush. Surge balls.
6. RU swab equipment and recover load and swab test for fluid entry and oil cut. Report results to Midland. RD swab equipment.
7. RIH w/ 3-3/8" csg gun or available perforator w/ CIBP on bottom. Set CIBP at 5,420'. Perforate the UPR Paddock at 5180-82; 5187-88; 5222-24; 5226-29; 5231-34; 5238-40; 5270-74; 5281-85; 5311-16; 5326-30 w/ 2 jspf 60° phasing (60 holes). TOH with perf guns and rig down WL. **Correlate to Weatherford Compensated Neutron Gamma Ray/CCL log dated 2/9/2010.**
8. TIH w/ SN and PKR on WS. Spot 200 gallons acid across perforations. Set PKR just above new perforations at ± 5,130'. Test backside to 1000 psi.
9. MIRU acid services. Acidize the UPR Paddock (5180-5330) down the tubing with 3000 gallons 15% NEFE w/ additives using 120 ball sealers to divert evenly spaced throughout the job as a max rate but do not exceed 6,000 psi surface treating pressure. Displace to bottom perf with 31 bbls of flush. Surge balls.
10. RU swab equipment and recover load and swab test for fluid entry and oil cut. Report results to Midland. RD swab equipment. *If unproductive, Set CIBP above perfs. TA well.*

11. Kill well if necessary. Release PKR and TOH w/ 2-7/8" work string and PKR.

12. RU reverse unit and swivel. PU and RIH w/ 2-7/8" bit subs, DC on 2-7/8" WS and tag CIBP at 5,420'. Break circulation and drill out CIBP or push to PBTD at 5,771'. Circulate bottoms up once. POOH w/ WS.

13. RIH w/ production tubing and rods as per the Monument office specifications. RDMOPU.

14. Set pumping unit. Connect electrical service. Construct and tie in flow-line to well. Place well into production and place into test for 10 days. Have a chemical rep test fluid sand put well on the appropriate chemical maintenance program.