District I
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
District III
1000 Rio Brazos Road, 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
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBS OCD
DEC 09 2014
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Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address	2. OGRID Number
Apache Corporation: 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705	873
	3. API Number: 30-025-41611

4. Property Code	5. Property Name	6. Well No.
302341	Monument Abo	004

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D	2	20S	36E	4	990	N	660	W	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

9. Pool Information

Pool Name	Pool Code
~~Paddock/Glorieta~~ MONUMENT; YESO, NORTHWEST	97089

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
RC	Oil		Private	3606'
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	7000'	Paddock/Glorieta		4/2/2014
Depth to Ground water	Distance from nearest fresh water well		Distance to nearest surface water	

☑ **We will be using a closed-loop system in lieu of lined pits**

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	11"	8-5/8"	24#	1080'	420 sx Class C	Surface
Production	7-7/8"	5-1/2"	17#	7800'	1650 sx Class C	Surface

Casing/Cement Program: Additional Comments

Plan is to plug Abo w/cement cap & come up hole into Paddock and Glorieta and complete well in this zone, per attached procedure.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.
Signature: Reesa Fisher

Printed name: Reesa Fisher
Title: Sr Staff Reg Analyst
E-mail Address: Reesa.Fisher@apachecorp.com
Date: 12/5/2014 Phone: (432) 818-1062

OIL CONSERVATION DIVISION

Approved By:
Title: Petroleum Engineer
Approved Date: 12/10/14 Expiration Date: 12/10/16
Conditions of Approval Attached

DEC 12 2014

Monument Abo #4
API # 30-025-41611
Sec 2, T20S, R36E
Elevation: 3619' KB, 3606' GL
TD: 7,800' MD
PBTD: 7,754'
Casing Record: 8-5/8" 24# J-55 @ 1,080' w/ 325 sxs to surface
5-1/2" 17# L-80 @ 7,800' w/ 1460 sxs to surface

Perfs: WBD attached.

Objective: Set CIBP above producing interval. CMT. Perforate/stimulate Paddock/Glorieta. RTP.

AFE: 11-14-0057-CP

1. MIRU unit. Check pressure on well. Kill well as necessary.
2. ND WH. NU BOP. Release TAC. POOH w/ tubing and TAC. Rack back 2-7/8" J-55 tubing to be used as work string and production string.
3. MIRU WL. RIH w/ CIBP. Set CIBP @ ±7,000'. Release POOH.
4. Mix 2 sacks cement. NU lubricator, PU bailer, RIH and spot cement on CIBP. POOH. WOC.
5. MIRU WL. RIH w/ perforator and perforate the Paddock/Glorieta at 5,247'-5,282'; 5,290'-5,315'; 5,338'-5,342'; 5,358'-5,368'; 5,374'-5,377'; 5,395'-5,406' w/ 2 jspf 90° phasing (176 holes). TOH w/ perf guns. **Correlate to Baker Hughes Compensated Neutron/Gamma Ray Log dated 04/10/2014.** RDMO WL.
6. RIH w/ RBP/PKR assembly. Set RBP at ± 5,450'. Spot ±120 gallons of acid across perforations. Set PKR at ±5,200'. Test backside to 500 psi.
7. MIRU acid services. Acidize the Paddock/Glorieta (5,247'-5,406') down the tubing with 7,000 gallons 15% HCL dropping 260 ball sealers to divert evenly spaced throughout the job as a max rate but do not exceed 4,000 psi surface treating pressure. Displace to bottom perf with flush. Release PKR and knock balls off. TOH.
8. RU swab equipment and recover load and swab test for fluid entry and oil cut. Report results to Midland. RD swab equipment.
9. RIH w/ 2-7/8" J-55 production tubing and rods as per the Monument office specification
10. RDMOPU. Return well to production and place into test for 10 days.