

Submit To: Appropriate District Office  
 Two Copies  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 1801 W. Grand Avenue, Artesia, NM 88210  
 District III  
 1000 Rio Pecos SW, Alamogordo, NM 88001  
 District IV  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

**RECEIVED**  
**MAY 11 2012**  
**INMOCD ARTESIA**

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-105  
 July 17, 2008

Oil Conservation Division  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

1. WELL API NO.  
 30-015-39065
2. Type of Lease  
☒ STATE ☐ FEE ☐ FED/INDIAN
3. State Oil & Gas Lease No. X0-0647-0405

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☒ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☐ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

7. Type of Completion:

☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator  
 Apache Corporation

5. Lease Name or Unit Agreement Name  
 Empire Abo Unit

6. Well Number:

405

10. Address of Operator  
 303 Veterans Airpark Lane, Suite 3000  
 Midland, TX 79705

9. OGRID  
 873

11. Pool name or Wildcat  
 Empire; Abo (22040)

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	B	33	17S	28E		1210	N	2500	E	Eddy
BH:										

13. Date Spudded 01/26/2012	14. Date T.D. Reached 02/07/2012	15. Date Rig Released 02/08/2012	16. Date Completed (Ready to Produce) 03/14/2012	17. Elevations (DF and RKB, RT, GR, etc.) 3673' GR
18. Total Measured Depth of Well 6303'		19. Plug Back Measured Depth 6282'	20. Was Directional Survey Made? Yes	21. Type Electric and Other Logs Run Quad Set/CBL

22. Producing Interval(s), of this completion - Top, Bottom, Name  
 Abo 6062'-6120'; 5980'-5994'; 5827'-5924'

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	515'	12-1/4"	360 sx Class C	
5-1/2"	17#	6303'	7-7/8"	825 sx Class C	

24. **LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. **TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2-7/8"	6140'	

26. Perforation record (interval, size, and number)

Abo 5827'-6120' (2 SPF, 74 holes) Producing w/CIBP @ 6056'  
 (25' cement on top of CIBP)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

Abo 5827'-6120' 1816 gal 15% HCL NEFE acid

28. **PRODUCTION**

Date First Production 03/14/2012		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) 640 Pumping Unit			Well Status ( <i>Prod. or Shut-in</i> ) Producing		
Date of Test 05/07/2012	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 2	Water - Bbl. 25	Gas - Oil Ratio 0
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - ( <i>Corr.</i> ) 42.6	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Test Witnessed By

Apache Corp.

31. List Attachments

Inclination Report, C-102, C-103, C-104 (Logs submitted previously)

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude

Longitude

NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Reesa Holland  
 E-mail Address Reesa.Holland@apachecorp.com

Printed Name Reesa Holland

Title Sr. Staff Engr Tech

Date 05/09/2012

100

No. 3, from.....to.....

No. 4, from..... to.....