

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 July 17, 2008 1. WELL API NO. 30-015-39021 2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN 3. State Oil & Gas Lease No. OG -4307-0002												
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)						5. Lease Name or Unit Agreement Name Empire Abo Unit 6. Well Number: 411												
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER						RECEIVED MAR - 5 2012 NMOC D ARTESIA												
8. Name of Operator Apache Corporation										9. OGRID 873								
10. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705										11. Pool name or Wildcat Empire; Abo								
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	D	6	18S	28E	4	40	N	145	W	Eddy								
BH:	D	6	18S	28E	4	51	N	149	W	Eddy								
13. Date Spudded 10/31/2011	14. Date T.D. Reached 11/27/2011		15. Date Rig Released 11/28/2011		16. Date Completed (Ready to Produce) 01/14/2012			17. Elevations (DF and RKB, RT, GR, etc.) 3664' GR										
18. Total Measured Depth of Well 6312'			19. Plug Back Measured Depth 6262'		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run CCL/GR/CBL										
22. Producing Interval(s), of this completion - Top, Bottom, Name Abo 5774'-5938'																		
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#		500'		12-1/4"		410 sx Class C										
5-1/2"		17#		6312'		7-7/8"		1360 sx Class C										
24. LINER RECORD																		
SIZE	TOP	BOTTOM		SACKS CEMENT		SCREEN		25. TUBING RECORD										
								SIZE										
								2-7/8"										
								DEPTH SET										
								5977'										
26. Perforation record (interval, size, and number) Abo 5774'-5938' (2 SPF, 188 holes) Producing						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>Abo 5774'-5938'</td> <td>15,500 gal 15% NEFE acid</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	Abo 5774'-5938'	15,500 gal 15% NEFE acid				
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28. PRODUCTION																		
Date First Production 01/14/2012		Production Method (Flowing, gas lift, pumping - Size and type pump) 640 Pumping Unit					Well Status (Prod. or Shut-in) Producing											
Date of Test 02/14/2012	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 20	Gas - MCF 5	Water - Bbl. 30	Gas - Oil Ratio 250											
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 42.8												
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 previously submitted)																		
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 <i>Reesa Holland</i>			Printed Name Reesa Holland			Title Sr. Staff Engr Tech			Date 02/28/2012									
E-mail Address Reesa.Holland@apachecorp.com																		

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 323'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 919'	T. Devonian	T. Cliff House	T. Leadville
T. Queen, 1141'	T. Silurian	T. Menefee	T. Madison
T. Grayburg 1595'	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 1936'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3394'	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo Shale 5420'/Reef 5752'	T. Yeso 3483'	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

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

No. 2, from.....to.....

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

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

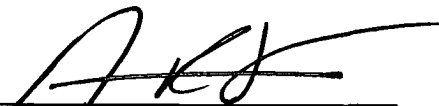
Apache Corporation
6220 S. Yale Ste 1500
Tulsa, OK 74136

Empire ABO Unit #411
Eddy County, New Mexico

30-015-39021

40' FWL + 145' FWL
SEC 6 T18S R28E ULD/LOT 4

232	2.32	0.30	0.53	1.22	1.22
496	2.64	0.50	0.88	2.31	3.53
599	1.03	0.10	0.18	0.18	3.71
988	3.89	0.00	0.00	0.00	3.71
1332	3.44	0.10	0.18	0.60	4.31
1631	2.99	0.40	0.70	2.09	6.40
2011	3.80	0.20	0.35	1.33	7.73
2191	1.80	0.20	3.00	5.40	13.13
2363	1.72	0.30	0.53	0.90	14.04
2716	3.53	0.80	1.40	4.94	18.98
3101	3.00	0.80	1.40	4.20	23.18
3529	4.28	0.90	1.58	6.74	29.92
3825	2.96	0.40	0.70	2.07	31.99
4162	3.37	0.70	1.23	4.13	36.12
4314	1.52	0.40	0.70	1.06	37.18
4490	1.76	0.60	1.05	1.85	39.03
4790	3.00	1.00	1.75	5.25	44.28
5004	2.14	1.20	2.10	4.49	48.78
5515	5.11	1.30	2.28	11.63	60.40
5949	4.34	1.70	2.98	12.91	73.31
6074	1.25	1.00	1.75	2.19	75.50


Archie Brown - General Manager

The attached instrument was acknowledged before me on the 2nd day of December 2011
by Archie Brown - General Manager, CapStar Drilling, L.P.

