

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5. Lease Serial No. NMLC029435B	
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____										6. If Indian, Allottee or Tribe Name	
2. Name of Operator APACHE CORPORATION										7. Unit or CA Agreement Name and No.	
3. Address 303 VETERANS AIRPARK LN. STE 3000 MIDLAND TX, 79705					3a. Phone No. (include area code) 432.818.1065			8. Lease Name and Well No. NFE FEDERAL #11			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 1650 FNL, 1650 FEL At surface At top prod. interval reported below At total depth										9. AFI Well No. 30-015-37359	
14. Date Spudded 02/16/2011										15. Date T.D. Reached 02/25/2011	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.										17. Elevations (DF, RKB, RT, GL)* 3819' RKB	
18. Total Depth: MD 6417' TVD					19. Plug Back T.D.: MD TVD			20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CSGR, BP, PHDEN, DLL										22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)	
23. Casing and Liner Record (Report all strings set in well)											
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled		
17.5	13.375/H-40	48	0'	459'		500/CLASS C		SURF			
11	8.625/J55	24	0'	1554'		555/CLASS C		SURF			
7.875	5.5/J55	17	0'	6417'		STG 1: 615		SURF			
						STG 2: 720		SURF			
24. Tubing Record											
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)			
2 7/8	5988'										
25. Producing Intervals											
Formation		Top		Bottom		Perforated Interval		Size	No. Holes	Perf. Status	
A) YESO						4876-5098'			28	PROD	
B)						5323-5545'			28	PROD	
C)						5626-5860'			29	PROD	
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval		Amount and Type of Material									
5626-5860'		ACIDIZE W/3K GAL 15% NEFE, FRAC W/116,739 GALS 20# W/193K LBS 16/30 WHT SD									
5323-5545'		ACIDIZE W/3K GALS 15% NEFE, FRAC W/122,601 GALS 20# W/197K LBS 16/30 WHT SD									
4876-5098'		ACIDIZE W/3K GALS 15% NEFE, FRAC W/113,432 GALS 20# W/150K LBS 16/30 WHT SD									
28. Production - Interval A											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
3/22/11	4/20/11	24	→	3	28	274	38.6		PUMPING		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
			→								
28a. Production - Interval B											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
			→								
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
			→								

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MAY 7 2011

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
RUSTLER	394				
YATES	1666				
7 RIVERS	1935				
QUEEN	2568				
SAN ANDRES	3267				
GLORIETA	4756				
PADDOCK TUBB	4819 6230				

32. Additional remarks (include plugging procedure):

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Carlsbad Field Office
Carlsbad, N.M.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) KATIE KAUFFMAN

Title ENG TECH

Signature

Katie Kauffman

Date 04/18/2011

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.