

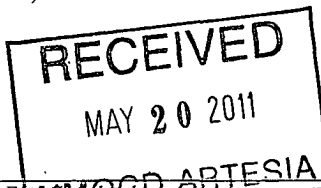
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM 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		8. Lease Name and Well No. NFE FEDERAL #7	
3a. Phone No. (include area code) 432.818.1065		9. AFI Well No. 30-15-37355	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 2310' FSL & 330' FEL At surface At top prod. interval reported below At total depth		10. Field and Pool or Exploratory CEDAR LAKE; GLORIETA-YESO PK	
14. Date Spudded 03/01/2011		11. Sec., T., R., M., on Block and Survey or Area SEC 8, T17S, R31E	
15. Date T.D. Reached 03/11/2011		12. County or Parish EDDY	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		13. State NN	
18. Total Depth: MD 6527' TVD		17. Elevations (DF, RKB, RT, GL)* 3859' KB	
19. Plug Back T.D.: MD 6472' TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLL, BhVP, SGR, BhS		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)	



Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.5	13.375/H40	48	0	503		550/CLASS C		SRF	
11	8.625/J55	24	0	1659		500/CLASS C		SRF	
7.875	5.5/J55	17	0	6527	STG1	545/CLASS C		SRF	
					STG2	525/CLASS C		SRF	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8	6367'							

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			6048-6248'		26	PRODUCING
B)			5663-5882'		28	PRODUCING
C)			5360-5560'		26	PRODUCING
D)			4945-5146'		26	PRODUCING

27. Acid, Fracture, Treatment, Cement Squeeze, etc.	
Depth Interval	Amount and Type of Material
6048-6248'	ACIDIZE W/2500 GALS 15% NEFE, FRAC W/120,477 GALS 20# W/180K LBS 16/30 WHT SD
5663-5882'	ACIDIZE W/2500 GALS 15% HCL, FRAC W/110,376 GALS 20# W/183K LBS 16/30 WHT SD
5360-5560'	ACIDIZE W/2500 GALS 15% HCL, FRAC W/125,496 GALS 20# W/177K LBS 16/30 WHT SD
4945-5146'	ACIDIZE W/2500 GALS 15% HCL, FRAC W/80,803 GALS 20# W/88K 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
4/19/201	4/21/201	24	→	0	2	286	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	
			→						

ACCEPTED FOR RECORD

MAY 14 2011

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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	408				
YATES	1689				
SEVEN RIVERS	1986				
QUEEN	2612				
SAN ANDRES	3329				
GLORIETA	4826				
Paddock TUBB	4878 6315				

32. Additional remarks (include plugging procedure):

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 

Date 04/20/2011

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.

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APR 28 2011