

NM OIL CONSERVATION
ARTESIA DISTRICT

JAN 26 2015
OCD Artesia

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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. NMLC029426B	
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.	
Contact: EMILY FOLLIS E-Mail: Emily.Follis@apachecorp.com		8. Lease Name and Well No. CROW FEDERAL 37H	
3. Address 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79705		9. API Well No. 30-015-42142	
3a. Phone No. (include area code) Ph: 432-818-1801		10. Field and Pool, or Exploratory FREN:GLORIETA-YESO<26770>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW 995FSL 525FWL At top prod interval reported below SWSW 995FSL 525FWL At total depth SESE 986FSL 337FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 3 T17S R31E Mer	
14. Date Spudded 06/07/2014		15. Date T.D. Reached 06/21/2014	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/18/2014		17. Elevations (DF, KB, RT, GL)* 3927 GL	

18. Total Depth: MD 10009 TVD	19. Plug Back T.D.: MD 9980 TVD	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNGRCCL, SBGRCL		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 analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)

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
17.500	13.375 H-40	48.0	0	658		920		0	
12.250	9.625 J-55	36.0	0	3507		1410		0	
7.875	5.500 L-80	29.0	0	10002		765		125	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	5163							

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5081		6166 TO 9834			PRODUCING
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
6166 TO 9834	1680 BBL ACID, 2,353,878# SAND, 3318 BBL FLUSH

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
11/18/2014	11/30/2014	24	→	121.0	66.0	2687.0	37.0		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→				545	POW	

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

ELECTRIC PUMP SUB-SURFACE

JAN 21 2015

[Signature]

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #284118 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

Reclamation Due ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

5/30/15

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(Sold, used for fuel, vented, etc.)
SOLD

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	600	743	ANHYDRITE	RUSTLER	600
SALADO	743	1790	SALT	SALADO	743
TANSILL	1790	1920	SANDSTONE	TANSILL	1790
YATES	1920	2193	SHALE,SILTSTONE,ANHYDRITE	YATES	1920
SEVEN RIVER	2193	2820	SHALE,SILTSTONE,ANHYDRITE,DOLO	SEVEN RIVER	2193
QUEEN	2820	3235	SILTSTONE,SANDSTONE,ANHYDRITE	QUEEN	2820
GRAYBURG	3235	3551	DOLOMITE,SILTSTONE,SANDSTONE	GRAYBURG	3235
SAN ANDRES	3551	5081	DOLOMITE,CHERT	GRAYBURG SAN ANDRES	3551

32. Additional remarks (include plugging procedure):

YESO(base glorieta) 5081 5190 DOLOMITE
 PADDOCK 5190 DOLOMITE

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

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

Electronic Submission #284118 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 01/16/2015 ()

Name (please print) EMILY FOLLIS Title REGULATORY ANALYST I

Signature (Electronic Submission) Date 12/04/2014

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.