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Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC031844

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
STRAIGHT LINE FEDERAL (308735) 1

9. API Well No.
30-015-34087 **53**

10. Field and Pool, or Exploratory
CEDAR LAKE; GLORIETA-YESO

11. Sec., T., R., M., or Block and Survey
or Area Sec 19 T17S R31E Mer

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3604 GL

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

2. Name of Operator
APACHE CORPORATION
Contact: FATIMA VASQUEZ
E-Mail: fatima.vasquez@apachecorp.com

3. Address 303 VETERANS AIRPARK LN
MIDLAND, TX 79705
3a. Phone No. (include area code)
Ph: 432-818-1015

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NESE 1650FSL 1100FEL 32.817322 N Lat, 103.904097 W Lon
At top prod interval reported below NESE 1650FSL 1100FEL 32.817322 N Lat, 103.904097 W Lon
At total depth NESE 1650FSL 1100FEL 32.817322 N Lat, 103.904097 W Lon

14. Date Spudded
06/17/2005
15. Date T.D. Reached
08/07/2005
16. Date Completed
 D & A Ready to Prod.
02/14/2015

18. Total Depth: MD 11520
TVD
19. Plug Back T.D.: MD 6600
TVD
20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR-CCL

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No 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
20.000	16.000 H-40	65.0		358		450		0	
14.750	11.750 H-40	42.0		1347		850		0	
11.000	8.625 J-55	32.0		3943		1100		0	
7.875	5.500 N95/110	17.0		11520		1650		4000	

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	6200							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4698	5462	4740 TO 4815	1.000	20	PRODUCING
B) BLINEBRY	5462	6724	5685 TO 6120	1.000	29	PRODUCING
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
4740 TO 4815	214,578 GALS SLICKWATER, 206,419# SAND, 5754 GALS ACID
5685 TO 6120	168,504 GALS 15# XL, 229,467# SAND, 5200 GALS ACID, 4536 GALS LINEAR GEL

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity
02/14/2015	05/27/2015	24	▶	27.0	44.0	152.0	37.0	

ACCEPTED FOR RECORD
ELECTRIC PUMPING UNIT
JUL 28 2015
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

28. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity
			▶					

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #304649 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

APB

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	246	418	ANHYDRITE/DOLOMITE - WATER	RUSTLER	246
YATES	1413	1721	SANDSTONE - OIL, GAS & WATER	YATES	1413
SEVEN RIVERS	1721	2351	SS/DOLOMITE/LIMESTONE - O,G,&W	SEVEN RIVERS	1721
SAN ANDRES	3160	4644	DOLOMITE/LIMESTONE/SS - O,G,&W	SAN ANDRES	3160
GLORIETA	4644	4698	SANDSTONE - OIL, GAS & WATER	GLORIETA	4644
PADDOCK	4698	5462	DOLOMITE - OIL, GAS & WATER	PADDOCK	4698
BLINEBRY	5462	6724	DOLOMITE - OIL, GAS & WATER	BLINEBRY	5462
ABO	6724	8038	LIMESTONE/DOLOMITE - O,G,& W	ABO	6724

32. Additional remarks (include plugging procedure):

Attachments - Frac Disclosure, OCD Forms C-102 & C-104. Logs mailed 06/10/2015.

Salado	418'-1234'	Anhydrite/Dolomite - Water
Tansil	1234'-1413'	Anhydrite/Salt/Dolomite/SS - Oil, Gas & Water
Queen	2351'-2731'	SS/Dolomite/Limestone - Oil, Gas & Water
Grayburg	2731'-3160'	SS/Dolomite/Limestone - Oil, Gas & Water
Wolfcamp	8038'-9522'	Shale/Sandstone - Oil, Gas & Water
Penn Shale	9522'-10,356'	Shale/Sandstone - Oil, Gas & Water

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 #304649 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 06/16/2015 ()

Name (please print) FATIMA VASQUEZ Title REGULATORY ANALYST II

Signature (Electronic Submission) Date 06/11/2015

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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Additional data for transaction #304649 that would not fit on the form

32. Additional remarks, continued

Strawn 10,356'-10,652' SS/Dolomite/Limestone - Oil, Gas & Water
Atoka Shale 10,652'-11,206' Shale/Sandstone - Oil, Gas & Water
Lower Morrow 11,206'-TD Shale/Sandstone - Oil, Gas & Water

**SS-Sandstone

**O,G,& W - Oil, Gas & Water