

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

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

3. Address
6120 South Yale, Suite 1500 Tulsa OK 74136-4224

3.a Phone No. (Include area code)
(918)491-5362

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At Surface 3630' FNL & 330' FEL (LOT 9), Sec 5, T 21S, R 37E

At top prod. interval reported below

At total depth

14. Date Spudded
05/24/2005

15. Date T.D. Reached
06/09/2005

16. Date Completed
☐ D & A ☒ Ready to Prod.
07/01/2005

5. Lease Serial No.
NM-094867

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

Lea County Federal 2

9. API Well No.
30-025-37236

10. Field and Pool, or Exploratory
Blinebry O&G, Tubb O&G, Drinkard

11. Sec., T., R., M., on Block and
Survey or Area S5, T21S, R37E

12. County or Parish
Lea

13. State
New Mexico

17. Elevations (DF, RKB, RT, GL)*
3478'

18. Total Depth: MD 7200'
TVD

19. Plug Back T.D.: MD 7154'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
SD/DSN, DLL/MG

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ 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
12-1/2"	8-5/8"	24#	0	1286'		575sx ClassC	174 bbls	0	
7-7/8"	5-1/2"	17#	0	7200'		1350sx ClassC	485 bbls	83' CBL	

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"	6868'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blinebry	5740'		5755-59, 5816-20, 84-88'	5984-88'	32	
B) Tubb	6321'		6298-6302, 6396-6400,	6468-72'		6574-78'
C) Drinkard	6674'		6668-76, 6830-38'			
D)						

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

Depth Interval	Amount and Type of Material
5755 - 5988'	Acidize with 2500 gals 15% DxBx & Frac with 45k gals gel + 82k# 20/40 sand
6298 - 6578'	Acidize with 2500 gals 15% DxBx & Frac with 46k gals gel + 82k# 16/30 sand
6668 - 6838'	Acidize with 2000 gals 15% DxBx & Frac with 39k gals gel + 58k# 20/40 sand

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
07/1/05	7/27/05	24	→	14	37	66	39.1		Pumping
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→					Producing	

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
8/3/05	8/17/05	24	→	11	4	64	39.3		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→					Producing	

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

28b. Production - Interval C

Date First Produced 8/27/05	Test Date 8/30/05	Hours Tested 24	Test Production →	Oil BBL 11	Gas MCF 18	Water BBL 67	Oil Gravity Corr. API 40.6	Gas Gravity	Production Method Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status Producing	

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 or 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	1372'				
Yates	2724'				
Seven Rivers	2743'				
Queen	3514'				
Grayburg	3814'				
San Andres	4076'				
Glorieta	5305'				
Blinberry	5740'				
Tubb	6321'				
Drinkard	6674'				
Abo	6972'				

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geological 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)*

Name (please print) Elaine LintonTitle Engineering TechnicianSignature Elaine LintonDate 10/11/2005

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.