

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 10 2009

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

5. Lease Serial No.
NM-10474

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,
Other: _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
Fasken Oil and Ranch, Ltd.

8. Lease Name and Well No.
Ling Federal No. 9

3. Address 303 W. Wall St., Ste. 1800
Midland, TX 79701

3a. Phone No. (include area code)
432-687-1777

9. AFI Well No.
30-025-39454

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

790' FNL & 1980' FWL
At surface

10. Field and Pool or Exploratory
Apache Ridge; Bone Springs

11. Sec., T., R., M., on Block and
Survey or Area Sec 31, T19S, R34E

790' FNL & 1980' FWL

At top prod. interval reported below

12. County or Parish 13. State

Lea

NM

At total depth 790' FNL & 1980' FWL

14. Date Spudded
08/27/2009

15. Date T.D. Reached
09/18/2009

16. Date Completed 11/20/2009
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
3629' GL

18. Total Depth: MD 9790'
TVD 9790'

19. Plug Back T.D.: MD 9728'
TVD 9728'

20. Depth Bridge Plug Set: MD 9728'
TVD 9728'

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

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	54.5 & 48	Surface	1553'		1400 sx Hal Cem "C"	405	Surface	
12 1/4"	8 5/8"	32	Surface	5193'	3272'	1950 sx HLC + 600 sx "C"	729 142	Surface	
7 7/8"	5 1/2"	17	Surface	9776'	8395'	250 sx VersaCe 200 sx "H"	71 200	4639' TS	

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 3/8"	9354'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 1st Bone Springs Sands	9387'	9627'	9387' - 9627'	0.42"	50	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9470' - 9480'	Acidize w/ 500 gals 7.5% double-inhibited HCl acid w/ clay stabilizers.
9470' - 9480'	Acidize w/ 1000 gals 7.5% NEFE HCl acid w/ clay stabilizers & 22 7/8" RCN 1.3 sg ball sealers.
9387'-95', 9440'-45', 9616'-27'	Acidize w/ 500 gals 7.5% double-inhibited HCl w/ 52 bbls 2% KCL water.
9387' - 9480'	Frac. w/ 45,295 gals 15% HCl, 30# gel, 30# XL; 54,623# 20/40 Sinerlite & 16/30 resin sand. Continued in Remarks section.

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
11-21-09	11-28-09	24	→	17	6	272	39.5	1.482	Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→	17	6	272	353	Producing	

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	
			→						

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

PETROLEUM ENGINEER

KZ NOV 08 2010

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

Cherry Canyon - 5688'
Brushy Canyon - 7161'
Bone Springs - 8250'

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure):

Item 27 - Acid, Fracture, Treatment, Cement Squeeze, etc. - continued

9616' - 9627' - Frac. w/ 33,664 gals 30# gel & 30# XL; 38,116# 20/40 Sinerlite & 16/30 resin sand.

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) Kim Tyson

Title Regulatory Analyst

Signature Kim Tyson

Date 12/09/2009

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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