

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-A  
OCD-HOBBS

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No  
NM-14496

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

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. 1

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

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

9 AFI Well No  
30-025-28064

4 Location of Well (Report location clearly and in accordance with Federal requirements)\*  
1980' FNL & 1980' FEL

RECEIVED

10 Field and Pool or Exploratory  
Delaware Mountain Group

At surface

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

1980' FNL & 1980' FEL

JUN 10 2009

HOBBSOCD

12 County or Parish  
Lea

13 State  
NM

At top prod interval reported below

At total depth 1980' FNL & 1980' FEL

14 Date Spudded  
03/11/2009

15 Date T D Reached  
04/04/2009

16 Date Completed 04/04/2009 \*\*  
☐ D & A ☐ Ready to Prod

17 Elevations (DF, RKB, RT, GL)\*  
3629.6' GR

18 Total Depth MD 13,690'  
TVD 13,690'

19 Plug Back T D MD 8340'  
TVD 8340'

20 Depth Bridge Plug Set MD 8375'  
TVD 8375'

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 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"	48#	Surface	400'		300 sx Lite +	N/A	Surface	
						150 sx "C"	N/A		
12 1/4"	9 5/8"	36 & 40#	Surface	5200'		2300 sx Lite +	N/A	Surface	
						300 sx "C"			
8 3/4"	5 1/2"	17 & 20#	Surface	13,690'	9367"	1625 sx Lite +	N/A	3920'	
						300 sx "H" +	200 sx "C"	N/A	

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"	5652.99'	5641.99'						

25 Producing Intervals

Formation	Top	Bottom	Perforation Record	Size	No Holes	Perf Status
A) Delaware	5682'	6234'	5682' - 6234'	.40"	110	Open
B) Delaware	6370'	6890'	6370' - 6890'	.40"	79	Open
C) Delaware	7464'	8020'	7464' - 8020'	.40"	77	Open
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
5682' - 6234'	Acidize w/ 500 gals 7 1/2% NEFE DI HCL acid, 3500 gals 75% quality CO2, 7 1/2% NEFE DI foamed HCL acid, & 110 7/8" 1.3 sg Ball Sealers.
6370' - 6890'	Acidize w/ 500 gals 7 1/2% NEFE DI HCL acid, 3500 gals 75% quality CO2, 7 1/2% NEFE DI foamed acid & 79 1.3 sg 7/8" RCN Ball Sealers; flused w/ 36 bbls of 100% CO2.

28 Production - Interval A

\* Continued in Remarks

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
	N/A		→						ACCEPTED FOR RECORD
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						JUN 7 2009
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
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)

SWD-1142

## 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

N/A

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

## 32 Additional remarks (include plugging procedure)

\* Item 27 continued - 7464' - 8020' - Acidize w/ 3000 gals 7 1/2% NEFE HCL acid w/ Clay Stabilizers & 140 7/8" RCN 1.3 sg Ball Sealers.

\*\* Completed date for SWD conversion. Well is currently waiting on installation of surface facilities and instructions from OCD for a step rate test to increase the allowable.

## 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 05/08/2009

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

(Continued on page 3)

(Form 3160-4, page 2)