

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

S

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  
Fasken Oil and Ranch, Ltd  
3 Address 303 W Wall Ave Suite 1800  
Midland, TX 79701

FEB 27 2008

OCD-ARTESIA

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

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

At surface 990 FNL & 1980 FWL

At top prod interval reported below 990 FNL & 1980 FWL

At total depth 990 FNL & 1980 FWL

14 Date Spudded 08/07/2007 15 Date T D Reached 09/08/2007 16 Date Completed 12/18/2007  
☐ D & A ☒ Ready to Prod 17 Elevations (DF, RKB, RT, GL)\* 3281 - GR  
18 Total Depth MD 11189 TVD 11189 19 Plug Back T D MD 11018 TVD 11018 20 Depth Bridge Plug Set MD 11030 TVD 11030  
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CNL-GR, Micro CFL/GR 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 H40	48	Surface	416.82		440 sx C	580.8	Surface - Cir	186 sx
12 1/4	9 5/8 J-55	36	Surface	2274.08		750 sx C	1221	Surface - Cir	161 sx
8 3/4	4 1/2 N-80	13.5 & 11.6	Surface	11189		950 sx C	1358.5	Surface - Cir	188 sx
					8211.03	1100 50/50 Poz	3294	1400 - T.S.	
						C +300 BJ Lite			
						+ 150 H			

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	10807	10789						

25 Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No Holes	Perf. Status
A) Morrow	10367	11189	11144-11166	1-11/16	23	not producing
B)			11082-11088	1-11/16	7	not producing
C)			11040-11050	1-11/16	11	not producing
D)			10833-10946	3 1/8	42	producing

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
11144-11166	2500 gals 7 1/2% HCl acid
10833-10946	1250 gals 7 1/2% HCl acid; 62,200 gals 70 quality 40# binary foam + 62,000# 20/40 Interprop

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
12/18/07	12/22/07	24	→	0	654	8	NA	0.6042	Flowing
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
3/4"	400		→	0	654	8	NA	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	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		→						

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

CONFIDENTIAL

ACCEPTED FOR RECORD

FEB 19 2008

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 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)

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
				BONE SPRING SD	4576
				WOLFCAMP	8687
				CISCO	9425
				CANYON	9580
				STRAWN	9825
				ATOKA	10154
				MORROW	10367

## 32 Additional remarks (include plugging procedure)

CIBP set @ 11030' w/1 sx CI H cmt. PBTD @ 11018'.

## 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) Gloria HolcombTitle Engineering Tech.

Signature

Gloria HolcombDate 01/11/2008

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)

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II  
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 12, 2005

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 73280	Pool Name Burton Flat (Morrow)
Property Code	Property Name MARALO "35" FEDERAL	Well Number 5
OGRD No. 151416	Operator Name FASKEN OIL AND RANCH, LTD	Elevation 3281'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	35	20 S	27 E		990	NORTH	1980	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>Lat - N32°32'03.8\" Long - W104°15'15.0\" NMSPCE - N 558143.0 E 565739.5 (NAD-83)</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Jimmy D. Carlile</i> 6/5/07 Signature Date</p> <p>Jimmy D. Carlile Printed Name jimmyc@for1.com</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>MAY 01 2007 Date Surveyed</p> <p>GARY L. JONES Signature Professional</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
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# DRILLING INC. Oil Well Drilling Contractor

Post Office Box 160 • Artesia, NM 88211-0160 • Office (505) 748-8704 • Fax (505) 748-8719

September 17, 2007

RECEIVED

SEP 18 2007

FASKEN OIL AND  
RANCH, LTD.

Fasken Oil & Ranch LTD  
303 W. Wall, Siote 1800  
Midland, Texas 79701-5116

Re: Maralo "35" Federal #5  
Sec. 35, T-20-S, R-27-E  
Eddy County, New Mexico

Attn: Tommie Taylor

The following is a Deviation Survey on the referenced well in Eddy County, New Mexico:

221' - 1°	5563' - 1°	8568' - 3 1/4°	10,235' - 4°
369' - 3/4°	6068' - 1/4°	8692' - 3°	10,298' - 3°
881' - 1°	6558' - 1°	8943' - 2 1/4°	10,391' - 3°
1347' - 2°	7038' - 3/4°	9192' - 3 1/4°	10,485' - 2 1/4°
1775' - 1 1/2°	7473' - 1°	9287' - 2 1/4°	10,547' - 2 3/4°
2274' - 1 1/2°	7943' - 3 3/4°	9317' - 2 3/4°	10,674' - 2 1/2°
2715' - 3/4°	8037' - 4°	9412' - 2 1/2°	10,896' - 3°
3187' - 1°	8099' - 3 1/2°	9538' - 2°	
3660' - 1 1/4°	8160' - 3 1/4°	9798' - 3°	
4129' - 1 3/4°	8288' - 3 1/4°	9891' - 3 1/2°	
4563' - 1 1/4°	8350' - 3 1/4°	10,015' - 3 1/2°	
5063' - 1 1/2°	8444' - 3 1/2°	10,140' - 3 1/2°	

Sincerely,

Gary W. Chappell  
Contracts Manager

STATE OF NEW MEXICO )  
COUNTY OF EDDY )

The foregoing was acknowledged before me this 17th day of September, 2007 by Gary W. Chappell.

MY COMMISSION EXPIRES

2/25/08

  
NOTARY PUBLIC