

NM OIL CONSERVATION

ARTIFICIAL LIFT

JUL 08 2017

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 RECEIVED

5. Lease Serial No.
NMNM0486483

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator **FASKEN OIL & RANCH LIMITED** Contact: **ADDISON LONG**
E-Mail: **addisonl@forl.com**

8. Lease Name and Well No.
SHELL FED COM 1

3. Address **6101 HOLIDAY HILL ROAD MIDLAND, TX 79707** 3a. Phone No. (include area code)
Ph: **432-556-8661**

9. API Well No.
30-015-10881-00-S3

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **NESW 1980FSL 1980FWL**
 At top prod interval reported below **NESW 1980FSL 1980FWL**
 At total depth **NESW 1980FSL 1980FWL**

10. Field and Pool, or Exploratory
INDIAN BASIN-STRAWN

11. Sec., T., R., M., or Block and Survey
or Area **Sec 5 T21S R24E Mer NMP**

12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **10/30/1966** 15. Date T.D. Reached **12/14/1966** 16. Date Completed
 D & A Ready to Prod.
03/08/2017

17. Elevations (DF, KB, RT, GL)*
3833 KB

18. Total Depth: MD **9901** TVD **9901** 19. Plug Back T.D.: MD **7650** TVD **7650** 20. Depth Bridge Plug Set: MD **7650** TVD **7650**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE CBL CASINGSPECTIO 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	310		325		0	
12.250	8.625 J-55	24.0	0	3100		1430		0	
7.875	4.500 N-80	11.6	0	9901		450		6720	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7016	7004						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	7106	7129	7106 TO 7129		47	OPEN - Shut-In
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7106 TO 7129	ACIDIZE W/ 1500 GALS 15% NEFE DI ACID.

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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	
			→						

ACCEPTED FOR RECORD
DAVID R. GLASS
MAY 30 2017

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #369573 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **
DAVID R. GLASS
PETROLEUM ENGINEER

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.)
UNKNOWN

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
GRAYBURG	300	910	OIL	GRAYBURG	300
SAN ANDRES	910	2470	OIL	SAN ANDRES	910
GLORIETA	2470	3010	OIL	GLORIETA	2470
BONE SPRING	3010	6645	OIL	BONE SPRING	3010
WOLFCAMP	6645	8540	OIL	WOLFCAMP	6645
STRAWN	8540	9170	OIL/GAS	STRAWN	8540
ATOKA	9170	9440	GAS	ATOKA	9170
MORROW	9440	9835	GAS	MORROW	9440

32. Additional remarks (include plugging procedure):

The depth bridge plug that was set is a cement retainer.

The Wolfcamp perms 7106-7129' tested non-commercial. Well is shut-in as of now, pending a sundry notice of another plugback or a p&a.

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 #369573 Verified by the BLM Well Information System.
For FASKEN OIL & RANCH LIMITED, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 04/25/2017 (17DMH0100SE)**

Name (please print) ADDISON LONG Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 03/13/2017

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Shell Federal No. 1

Operator: **Fasken Oil and Ranch, Ltd.**
 Location: 1980' FSL and 1980' FWL
 Sec 5, T21S, R24E
 Eddy County, NM
 Spudded: 10/30/1966
 API #: 30-015-10881
 TD: 9901'
 PBDT: 8901' (WL tag5/18/15 CIBP@9131 w/"H")
 Casing: 13-3/8" 48# H-40 ST&C @ 310'

Current 3-8-17

RKB 3383'

Grayburg 300'

13-3/8" 48# H-40 ST&C @ 310'
 circulated to surface

San Andres 910'

Glorietta 2470'

Yeso 2756'

8-5/8" 24# J-55 ST&C 8rd thd @ 3100'

Bone Spring 3250'

TOC: TOC 7750' by Temp survey
 4-1/2" 11.6# N-80: Surf-1750'
 4-1/2" 11.6# J-55: 1750'-7450'
 4-1/2" 11.6# N-80: 7450'-9900'

AJL:	1sub-2-3/8" N80 EUE 8rd tbg	4.50
31 78	4-1/2" x 2-3/8" Arrowset 1X 10K	8.03
	W/TOSSD w/1.81" "F" PN	
	220 jts, 2-3/8" N80 EUE 8rd tbg	6991.83
	KB	12.00
	Slackoff	his
	ET	7016.36

Wolfcamp 6645'

TOC 6720' by CBL

2/21/17	Sqz holes 7080', 145sx "C", Plug #5	4	EOT 7016.36
2/22/17	Sqz holes 7210'	4	Perf 7080', 145sx, #5
2/22/17	Cement Retainer 7650'		Perfs Wlfc 7106'-29'
2/16/17	Sqz holes 7700', 165sx "C", Plug #4	4	Perf 7210'
2/16/17	25 sx "H" 8501'-8143', tagged, Plug #3		
2/16/17	CIBP 8501'		
	Wolfcamp		Cmt Ret 7650'
2/21/17	7106'-29' (2jspf, 3-1/8" CG 0.42"EHD)	47	Perf 7700', 165sx, #4
	Strawn		TOC 7750' by Temp survey
12/29/14	8568'-76' (2jspf, 3-1/8" CG, 0.40"EHD)	16	
5/18/15	8639'-54' (1jspf, 1-11/16" SG, 0.21"EF)	16	25 Sx 8501'-8143', #3
5/18/15	8718'-26' (1jspf, 1-11/16" SG, 0.21"EF)	9	
5/18/15	8758'-66' (1jspf, 1-11/16" SG, 0.21"EF)	9	
12/24/14	CIBP 9131" w/230" "H" cmt. PBDT 8901' by WL 5-18--15		CIBP 8501'
	Atoka		Strwn 8568'-8766', 8895'-8910'
7/9/14	9181'-87' (1jspf, 1-11/16" SG)	7	PBDT 8901' (WL tag5/18/15 CIBP@9131 w/"H")
7/9/14	9193'-9200' (1jspf, 1-11/16" SG)	8	CIBP 9131', Plug #2
7/9/14	9336'-46' (1jspf, 1-11/16" SG)	11	
7/9/14	9406'-22' (1jspf, 1-11/16" SG)	17	Atoka 9181'-9422'
7/3/14	CIBP 9560' Morr CL 9440	43	Morrow 9440'
	Morrow		CIBP 9550' w/35" "H" cmt, Plug #1
1965	9570'-9572' 4 JSPF Original		CIBP 9560'
11/10/03	9657'-9662' 2 JSPF 11-10-93		Morrow 9570'-9731'
11/10/03	9727'-9731' 2 JSPF 11-10-93		
Hole Sizes	17-1/2" 310', 12-1/4" 3100', 7-7/8" 9901'		TD 9901'
Status:	Wolfcamp recompletion unsuccessful, 0 mcfd		4-1/2" 11.6# N-80&J-55 @ 9900'

Barnett 9835'

cwb

3-8-17

Shell 1 wb diagram.xls