

Submit To Appropriate District Office

State Lease - 6 copies

Fee Lease - 5 copies

District I

1625 N. French Dr., Hobbs, NM 87240

District II

811 South First, Artesia, NM 87210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

Form C-105

Revised March 25, 1999

WELL API NO.

30-015-32112

5. Indicate Type of Lease

STATE ☐ - FEE ☒

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WORK PLUG DIFF. RESVR. OTHER
WELL ☒ OVER ☐ DEEPEN ☐ BACK ☐

2. Name of Operator

Fasken Oil and Ranch, Ltd. (151416) RECEIVED
OCD - ARTESIA

3. Address of Operator

303 W. Wall Ave., Suite 1800, Midland, TX 79701-5116

7. Lease Name or Unit Agreement Name

Klingensmith

8. Well No.

1

9. Pool name or Wildcat

Cemetery Morrow

4. Well Location

Unit Letter H : 1980 Feet From The North Line and 990 Feet From The East Line

Section 24

Township 20S

Range 24E

NMPM Eddy

County

10. Date Spudded

12/7/01

11. Date T.D. Reached

1/6/02

12. Date Compl. (Ready to Prod.)

4/18/02

13. Elevations (DF& RKB, RT, GR, etc.)

3593' GR

14. Elev. Casinghead

15. Total Depth

9652'

16. Plug Back T.D.

9591'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

All

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

9301' - 9396' Morrow

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

GR/CCL, Three Detector Litho-Density Compensated Neutron, High Resolution Laterolog

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8", H-40	48#	326'	17 1/2"	650 sx C	Circulated
9 5/8", J-55	36#	2010'	12 1/4"	600 sx C	Circulated
4 1/2", N-80	11.6#	9652'	8 3/4"	950 sx lite/Super C	TOC 5100' by temp survey

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	9220'	9220'

26. Perforation record (interval, size, and number)

9301' - 05', 9372' - 74', 9376' - 81', 9388 - 96'
w/ 1 JSPF

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9301' - 9396'	2000 gals ISO-SOL, 10 tons CO2

28. PRODUCTION

Date First Production 4/18/02		Production Method (Flowing, gas lift, pumping - Size and type pump) flowing			Well Status (Prod. or Shut-in) producing		
Date of Test 5/2/02	Hours Tested 24	Choke Size 3/4"	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 2704	Water - Bbl. 3	Gas - Oil Ratio NA
Flow Tubing Press. 1160	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl. 0	Gas - MCF 2704	Water - Bbl. 3	Oil Gravity - API - (Corr.) NA	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

sold

Test Witnessed By

Mark Jacobs

30. List Attachments

DST Summary, Logs, Request for Confidentiality, Deviation Report, C-104, C-102

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Printed

Name Jimmy D. Carlile

Title Regulatory Affairs Coordinator Date 5/6/02

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp 6778' _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon 8105'
T. Strawn 8640'
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs 5629'
T. Morrow 9264'
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from	to
No. 2, from	to

No. 3, from	to
No. 4, from	to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from	to	feet
No. 2, from	to	feet
No. 3, from	to	feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Fasken Oil and Ranch, Ltd.

Klingensmith No. 1

DST Summary

1-1-02

DST No. 1 (8107'-8132')

Opened tool @ 10:11 am CST 12-31-01 with strong blow. BOB in 30 seconds.

1"	10.5 oz on 1/8" bubble hose
2"	11.0 oz
3"	12.0 oz
4"	12.5 oz
5"	13.0 oz

Closed tool 1 hr.

Reopened tool at 11:16 pm

1"	2.5 psig on 1/4" choke
3"	3.0 psig
10"	3.2 psig
15"	3.4 psig
30"	3.6 psig
60"	4.4 psig
90"	4.6 psig

Closed tool at 12:46 pm CST 12-31-01. Tool closed 3 hrs.

Recovery: 110' slightly mud cut sulfur water (0.54 bbl.), CI 110,000 ppm. Pit CI 98,000 ppm.

Sampler: 52 psig, 0.34 ft³ gas, no fluid.

Pressure:

IHP	3912 psig
IPFP	51 psig
FPFP(5")	68 psig
ISIP(60")	1405 psig
IFP	32 psig
FFP(90")	69 psig
FSIP(180")	2373 psig
FHP	3912 psig
BHT	149 deg.

1-5-02

DST No. 2 (9294'-9451')

Opened tool @ 4:07 am CST 1-5-02 with strong blow.

1"	60 psig on 1/4" choke
3"	550 psig
4"	GTS
5"	1000 psig on 1/4" choke 1492 mcfpd

Closed tool at 4:12 am. Closed tool 1 hr.

Reopened tool at 5:12 am with strong blow.

1"	30 psig on 3/8" choke
5"	900 psig 3111 mcfpd
10"	1500 psig 5151 mcfpd
15"	1950 psig 6681 mcfpd
20"	2200 psig 7531 mcfpd

25"	2400 psig	8211 mcfpd	
30"	2400 psig	8211 mcfpd	
45"	2475 psig	8466 mcfpd	Unloading small slugs of liquid.
60"	2475 psig	8466 mcfpd	
120"	2450 psig	8381 mcfpd	Unloading small slugs of liquid every 15 minutes.
180"	2475 psig	8466 mcfpd	

Closed tool at 8:12 am CST 1-5-02.
Tool shut-in 6 hrs.

Recovery: 140' drilling mud (0.68 bbl.), CI 96,000 ppm. Pit CI 97,000 ppm.

Sampler: 1900 psig, 12.7 ft³ gas, no fluid.

Pressure:

IHP	4637 psig
IPFP	1526 psig
FPFP(5")	1794 psig
ISIP(60")	3858 psig
IFP	1613 psig
FFP (180")	3052 psig
FSIP(360")	3799 psig
FHP	4632 psig
BHT	169 deg.

FASKEN OIL AND RANCH, LTD.

303 WEST WALL AVENUE, SUITE 1800
MIDLAND, TEXAS 79701-5116

(915) 687-1777

May 6, 2002

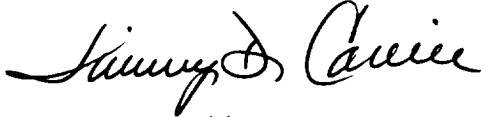
New Mexico Oil Conservation Division
1301 West Grand Avenue
Artesia, NM 88201

Gentlemen:

Re: Fasken Oil and Ranch, Ltd.
Klingensmith No. 1
Cemetary Morrow Pool
Eddy County, New Mexico

Fasken Oil and Ranch, Ltd. hereby requests confidentiality for the enclosed logs.

Yours Truly,

A handwritten signature in black ink, appearing to read "Jimmy D. Carlile". The signature is fluid and cursive, with the first name "Jimmy" and last name "Carlile" clearly distinguishable.

Jimmy D. Carlile
Regulatory Affairs Coordinator

OPERATOR: FASKEN OIL & RANCH
WELL/LEASE: KLINGENSMITH #1
COUNTY: EDDY

142-0009

STATE OF NEW MEXICO
DEVIATION REPORT

250	1/2	6,698	2
797	3/4	6,855	2
1,241	1/2	7,009	2
1,718	3/4	7,198	2
2,009	1	7,447	2 1/2
2,491	1/2	7,541	2
3,028	3/4	7,787	2
3,561	1 1/4	8,038	1 3/4
3,717	1	8,596	2
4,031	1 1/2	9,066	1/2
4,125	1 3/4	9,451	1
4,216	2	9,650	1
4,311	2 1/4		
4,501	3		
4,592	2 3/4		
4,686	2 3/4		
4,936	3 1/4		
5,031	3		
5,129	3		
5,221	3		
5,316	2 3/4		
5,462	2 1/4		
5,540	2 3/4		
5,631	2		
5,790	2 1/2		
5,887	2 1/4		
5,980	2		
6,135	3		
6,262	3		
6,384	2 1/4		
6,544	2 1/2		



By: Steve Moore

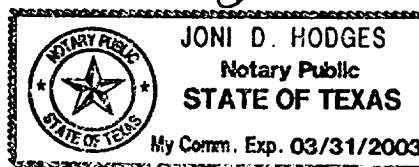
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 10th day of January, 2002, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003



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1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
611 South First, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

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

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-32112	Pool Code 74640	Pool Name Cemetary Morrow
Property Code	Property Name KLINGENSMITH	Well Number 1
OGRID No. 151416	Operator Name FASKEN OIL & RANCH, LTD.	Elevation 3593'

Surface Location

UL or lot No. H	Section 24	Township 20 S	Range 24 E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 990	East/West line EAST	County EDDY
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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>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p></p> <p>Signature Jimmy D. Carlile Printed Name Regulatory Affairs Coordinator Title May 6, 2002 Date</p> <p>SURVEYOR CERTIFICATION</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>November 12, 2001</p> <p>Date Surveyed Signature & Seal of Professional Surveyor </p> <p>W.O. No. 2034A Certificate No. Gary L. Jones 7977 BASIC SURVEYS</p>
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