

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Oil Cons.
N.M. Div-Dist. 2
1501 W. Grand Avenue
Alamogordo, NM 88210
FOR APPROVED
DATE: 1/9/2002
WELL NAME AND SERIAL NO.

C/S

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REMVR. ☐ Other _____

3. NAME OF OPERATOR
Fasken Oil and Ranch, Ltd.

4. ADDRESS AND TELEPHONE NO.
303 W. Wall, Suite 1800, Midland, TX 79701 (915) 687-1777

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface
1300' FSL, 660' FWL
At top prod. interval reported below

At total depth

14. PERMIT NO. DATE WELL LOGGED
9/5/2001

6. IF INDIAN, ALIOTTEE OR TRIBE NAME
NM 4025

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Knight 28 Federal No. 1

9. API WELL NO.
30-015-31987

10. FIELD AND POOL, OR WILDCAT
Cemetery (Morrow)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 28, T20S, R25E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED 9/26/2001 16. DATE T.D. REACHED 10/28/2001 17. DATE COMPL. (Ready to prod.) 12/18/2001 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3561' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 9759' 21. PLUG, BACK T.D., MD & TVD 9750' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS All CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 9466' - 9531' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Three detector litho-density compensated neutron/GR, High resolution laterolog/GR 27. WAS WELL CORRED No

CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8, H-40	48	439'	17 1/2	surface, 665 sx Class C	
9 5/8, J-55	36	3000'	12 1/4	surface, 800 sx Class C	58 sx
4 1/2, N-80	11.6	9759'	8 3/4	1225 sx Super C Mod	TOC 5050 by TS

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	9405	9390

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
9466-9472, 9480-9482, 9489, 9500, 9504-9508, 9515-9517, 9529-9531 w/ 4 JSPF, 120 deg. Phased, 72 holes total		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		9466 - 9531	1500 gals 7 1/2% HCL w/ 25% methanol
			35910 gals binary foam, 40820# 20/40 sand

33. PRODUCTION							
DATE FIRST PRODUCTION 12/18/2001		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing				WELL STATUS (Producing or shut-in) producing	
DATE OF TEST 12/25/2001	HOURS TESTED 24	CHOKE SIZE 11/64	PROD'N. FOR TEST PERIOD	OIL—BSL. 3	GAS—MCF. 1560	WATER—BSL. 12	GAS-OIL RATIO 520000
FLOW. TUBING PRESS. 1600	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL. 3	GAS—MCF. 1560	WATER—BSL. 12	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY

35. LIST OF ATTACHMENTS
drilling and DST summary, deviation report, open hole logs, C-102, request for log confidentiality

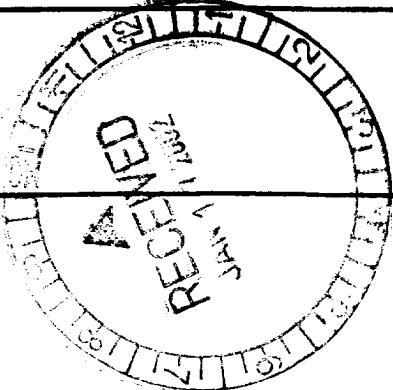
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Kevin D. Carlin TITLE Regulatory Affairs Coordinator DATE 1/9/2002

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

ACCEPTED FOR RECORD
JAN 14 2002
LES BABYAK
PETROLEUM ENGINEER

37. SUMMARY OF POROUS ZONES: (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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				San Andres	823	
				Glorieta	2480	
				Wolfcamp Shale	6624	
				Upper Wolfcamp	6901	
				Lower Wolfcamp	7200	
				Cisco	7355	
				Canyon	7651	
				Strawn	8155	
				Atoka	8960	
				Upper Morrow	9268	
				Middle Morrow	9557	
				Barnett Shale	9643	

**FASKEN OIL AND RANCH, LTD.
KNIGHT "28" FEDERAL NO. 1**

Location: 1300' FSL & 660' FWL, Sec. 28, T20S, R25E, Eddy County, NM
Drilling Contractor: Patterson Drilling Rig No. 142

Spud well at 8:00 pm CDT 9-26-2001.

Drilled 17-1/2" to 447'. Ran 13-3/8" 48.0#/ft H-40 ST&C casing to 439'. Cemented with 400 sx Class "C" w/ 2% CaCl₂ (s.w. 14.8 ppg, yield 1.34 cuft/sk). Plug down @ 11:10 am 9-28-01. Had partial returns while cementing and did not circulate cement to surface. Cemented via 1" pipe as follows:

Tagged @ 369', spotted 50 sx Class "C" w/ 2% CaCl₂, WOC 4 hrs.

Tagged @ 260', pumped 215 sx Class "C" w/ 2% CaCl₂, circulated cement to surface.

Drilled 12-1/4" to 3000. Ran 9-5/8", 36.0#/ft J-55 LT&C casing to 3000'. Cemented with 600 sx Class "C" with 4% gel and 2% CaCl₂ (s.w. 13.5 ppg, yield 1.74 ft³/sx) and 200 sx Class "C" with 2% CaCl₂ (s.w. 14.8 ppg, yield 1.32 ft³/sx). Plug down at 4:15 pm CDT 10-4-01. Circulated 58 sx excess cement.

Drilled 8 3/4" to 9759'. Ran 4-1/2" 11.60# N-80 LT&C casing to 9759'. Centralized middle of shoe joint, all flint coated casing, and interval 8400' through 8600'. Cemented with 1225 sx Super "C" Modified (CSE) with 3% KCl, 0.6% FL-25, 0.6% FL-52 and 0.3% SMS (s.w. 13.2 ppg, yield 1.60 ft³/sx). Plug down at 7:40 pm CST 10-30-01. Displaced cement with 3% KCl water containing 15 gallons corrosion inhibitor. Top of cement in 8-3/4" x 4-1/2" annulus at 5050' KB per temperature survey.

Released rig 10-31-01

**FASKEN OIL AND RANCH, LTD.
KNIGHT "28" FEDERAL NO. 1**

Location: 1300' FSL & 660' FWL, Sec. 28, T20S, R25E, Eddy County, NM
Drilling Contractor: Patterson Drilling Rig No. 142

DST No. 1 (7207'-7248')

Opened tool @ 5:45 pm CDT 10-16-01 with strong blow. BOB in 10 seconds.

1"	6 psig on 1/8" bubble hose
2"	25 psig on 1/8" bubble hose, switched to 1/4" choke
3"	44 psig on 1/4" choke
4"	55 psig
5"	60 psig 119 mcfpd

Closed tool 1 hr. Gas to surface 14 minutes after initial opening.

Reopened tool at 6:50 pm

1"	5 psig on 1/4" choke
3"	60 psig
10"	120 psig
15"	140 psig
30"	250 psig
60"	425 psig
90"	440 psig 669 mcfpd
120"	430 psig 654 mcfpd
150"	430 psig 654 mcfpd, unloaded slug of condensate.
160"	460 psig 698 mcfpd, water dripping from end of flare line.
190"	550 psig 831 mcfpd, heavy water mist in gas stream.
210"	610 psig 919 mcfpd, heavy water mist in gas stream.

Closed tool at 10:20 pm CDT 10-16-01. Tool closed 7 hrs.

Recovery: 1330' formation water (17 bbl.), CI 94,000 ppm. Pit CI 65,000 ppm.

Sampler: 1120 psig, 450 cc water, 50 cc condensate.

Pressure:

IHP	3342 psig
IPFP	337 psig
FPFP(5")	353 psig
ISIP(60")	2855 psig
IFP	639 psig
FFP(210")	1440 psig
FSIP(7 hrs)	2610 psig
FHP	3240 psig
BHT	129 deg.

DST No. 2 (9468'-9564')

Opened tool @ 8:20 pm CDT 10-26-01 with good blow.

1" 15.0 oz on 1/8" bubble hose
2" 18.0 oz
3" 2.2 psig
4" 3.0 psig
5" 3.8 psig on 1/8" bubble hose.

Closed tool 1 hr.

Reopened tool at 9:30 pm with strong blow from bucket.

1" 12 psig on 1/8" bubble hose
5" 20 psig
10" 26 psig
15" 32 psig
30" 54 psig, gas to surface, switched to 1/4" choke.
45" 61 psig
60" 63 psig
90" 66 psig
120" 72 psig
180" 75 psig 132 mcfd

Closed tool at 12:30 am CDT 10-27-01. Shut in 6 hrs.

Recovery: 200' mud (1.07 bbls.)

Sampler: 200 psig, 600 cc mud.

Pressure:

IHP 4860 psig
IPFP 92 psig
FPFP(5") 103 psig
ISIP(60") 3794 psig
IFP 92 psig
FFP(180") 201 psig
FSIP(6 hrs) 3803 psig
FHP 4839 psig
BHT 163 deg.

OPERATOR: FASKEN OIL & RANCH, LTD.
WELL/LEASE: KNIGHT 28 FED. 1
COUNTY: EDDY

142-0007

STATE OF NEW MEXICO
DEVIATION REPORT

249	1/2
728	1
1,204	1
1,709	3/4
2,185	1/2
2,661	3/4
3,000	1/2
3,503	1/2
4,004	1/2
4,539	1
5,045	1
5,550	1
5,663	3/4
5,992	1
6,493	1/2
6,992	1/2
7,493	1/2
7,985	1/4
8,458	1/4
8,982	1
9,491	3/4
9,750	3/4

By: Steve Moore

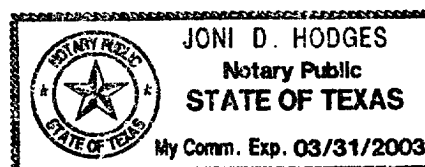
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 6th day of November, 2001, 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



District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 74640		*Pool Name Cemetery - Morrow	
*Property Code		*Property Name KNIGHT "28" FEDERAL			*Well Number 1
*GRID No. 151416		*Operator Name FASKEN OIL & RANCH, LTD			*Elevation 3561'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	28	20-S	25-E		1300	SOUTH	660	WEST	EDDY

¹¹Bottom 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

<div>16</div>				<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Tommy E. Taylor</i></p> <p>Signature Tommy E. Taylor</p> <p>Printed Name Drilling & Production Engineer</p> <p>Title 8/30/01</p> <p>Date</p>	
<div>18 SURVEYOR CERTIFICATION</div> <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 best of my belief.</p> <p>JUNE 26, 2001</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p><i>James E. Tompkins</i></p> <p>Certificate Number 14729</p>					

FASKEN OIL & RANCH, LTD.
KNIGHT "28" FEDERAL No. 1
ELEV.= 3561'
Y= 170850.259
X= 149704.912
LAT.= 32°32'26.67"
LONG.= 104°29'44.59"

660'

1300'

FASKEN OIL AND RANCH, LTD.

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

(915) 687-1777

January 9, 2002

Bureau of Land Management
2909 West Second Street
Roswell, NM 88201

Gentlemen:

Re: Request for Log Confidentiality
Knight "28" Federal No. 1
1300' FSL, 660' FWL
Section 28, T20S, R25E
Eddy County, New Mexico

Fasken Oil and Ranch, Ltd. requests the attached logs on the Knight "28" Federal No. 1 be held confidential for one year.

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