

WELL LOGS

K Z

API number:	30-025-38748	
OGRID:		Operator: FASKEN OIL & RANCH LTD
		Property: LING FEDERAL # 4

surface	ULSTR: J	31	T	19S	R	34E
		1660	FSL	2310	FEL	

BH Loc	ULSTR: J	31	T	19S	R	34E
		1660	FSL	2310	FEL	

Ground Level:	**Conf**	DF:	**Conf**	KB:	**Conf**	
Datum:	KB			TD:	13577	

Land:	FEDERAL	Completion Date: (1)	1/17/2009	
		Date Logs Received:	3/18/2009	***LATE***
		Date Logs Due in: (2)	2/6/2009	

Confidential:	NO			Date out:	01/07/10
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Confidential period: 90 Days for State & Fee, 1 Year for federal

Date Due In: (1) is equal to Completion Date (1) + 20 days

Logs	Depth interval		
DSN/SDL	**Conf**	**Conf**	Spectral Density Dual Spaced Neutron
DLL/MGRD	**Conf**	**Conf**	Dual Laterolog Micro Guard Log
BSAT	**Conf**	**Conf**	Borehole Compensated Sonic
CBL	**Conf**	**Conf**	Cement Bond

K Z

OCD TOPS

Rustler	**Conf**	Strawn	**Conf**		
Tansill	**Conf**	Atoka	**Conf**		
Yates	**Conf**	Morrow	**Conf**		
7R	**Conf**				
T. Bowers Sd	**Conf**	Austin			
B. Bowers Sd	**Conf**	Chester			
Queen	**Conf**	Miss Lime			
Penrose	**Conf**				
Grayburg	**Conf**				
Getaway Bank	**Conf**				
	Conf				
Delaware Sd	**Conf**				
Bone Spring	**Conf**				
1st Sd	**Conf**				
2nd Carb	**Conf**				
2nd Sd	**Conf**				
3rd Carb	**Conf**				
3rd Sd	**Conf**				
Wolfcamp	**Conf**				

OPERATOR
WELL/LEASE
COUNTY

FASKEN OIL & RANCH, LTD.
LING FEDERAL 4
LEA

30-025-38748
J-31-19s-34e
RIG 48
1660/S 4 2310/E

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STATE OF NEW MEXICO
DEVIATION REPORT

FASKEN OIL AND
RANCH, LTD.

253	0.30	6,104	0.25
493	0.40	6,347	0.30
755	0.50	6,875	0.30
1,047	0.30	7,383	0.20
1,301	0.80	7,851	0.20
1,592	0.80	8,113	0.70
1,810	1.40	8,366	0.60
2,073	0.70	8,865	0.80
2,639	1.70	9,091	1.00
2,746	3.25	9,373	0.90
2,878	2.60	9,659	1.10
3,037	2.80	9,977	1.00
3,164	2.10	10,231	1.30
3,297	1.70	10,468	1.00
3,361	1.20	10,754	1.20
3,456	0.70	11,014	0.80
3,552	0.50	11,262	1.10
3,647	1.10	11,515	0.60
3,745	0.30	11,799	0.70
3,839	0.80	12,023	0.90
3,933	1.10	12,387	1.75
4,028	0.70	12,626	0.30
4,123	0.60	12,784	0.40
4,218	1.00	13,088	0.60
4,409	0.40	13,490	0.30
4,659	0.90	13,577	0.30
4,913	0.90		
5,136	0.10		
5,407	1.00		
5,661	0.25		
5,947	1.00		

STATE OF TEXAS

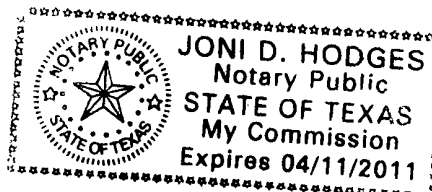
COUNTY OF MIDLAND

BY: Steve Moore

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTL Drilling Company LLC.

NOVEMBER 10, 2008, by Steve

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/11/11



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

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

Form C-102
Revised October 12, 2005

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

☐ AMENDED REPORT

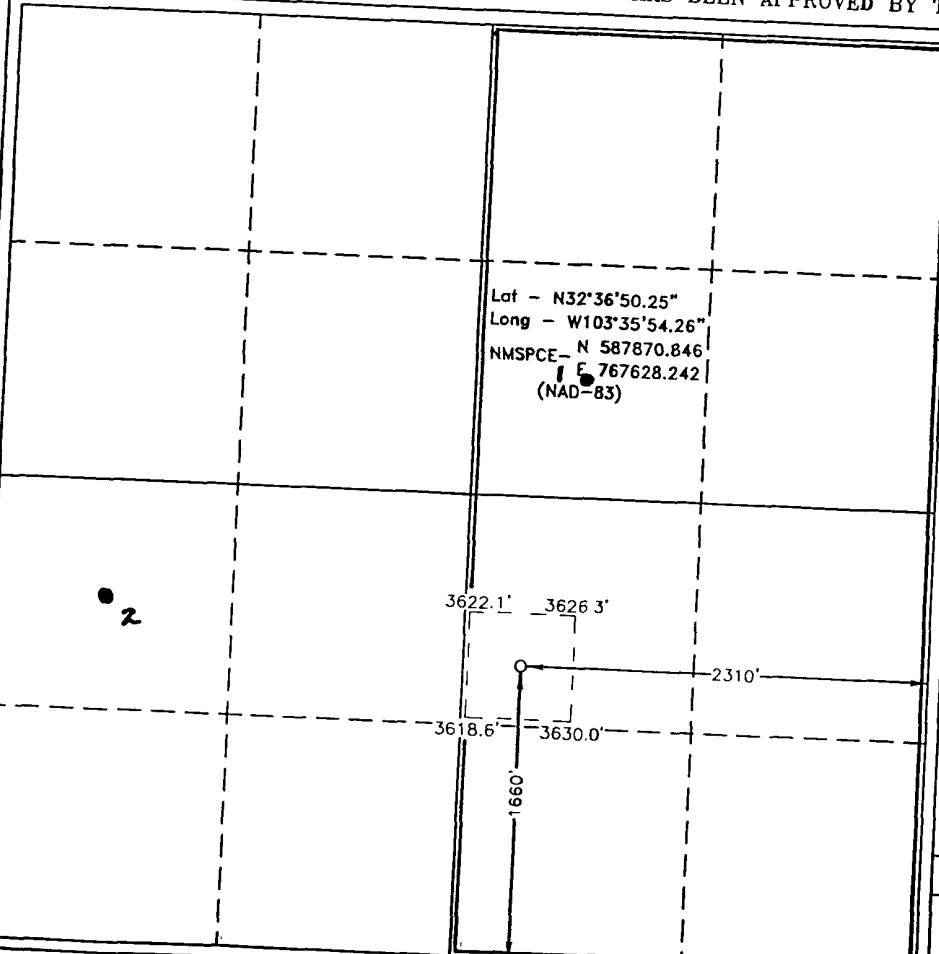
WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-38748		Pool Code 83280	Pool Name Quail Ridge; Morrow
Property Code 18167	Property Name LING FEDERAL		Well Number 4
OGRID No. 151416	Operator Name FASKEN OIL AND RANCH, LTD		Elevation 3623'

Surface Location									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	31	19 S	34 E		1660	SOUTH	2310	EAST	LEA

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

		OPERATOR CERTIFICATION 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. Signature: <u>Jimmy D. Carlile</u> Date: <u>12/12/07</u> Printed Name: <u>Jimmy D. Carlile</u> Email: <u>jimmyc@forl.com</u>
		SURVEYOR CERTIFICATION 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. NOVEMBER 15, 2007 Date Surveyed: <u>NOV 15 2007</u> Signature & Seal of Professional Surveyor: <u>GARY L. JONES</u> Certificate No. Gary L. Jones 7977 BASIN SURVEYS

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 & Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised Feb. 26, 2007

Submit to Appropriate District Office
5 Copies

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MAR 20 2009
HOBBSD

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Fasken Oil and Ranch, Ltd. 303 West Wall Street, Suite 1800 Midland, TX 79701		² OGRID Number 151416
⁴ API Number 30 - 025-38748		³ Reason for Filing Code/ Effective Date NW / 1-17-09
⁵ Pool Name Quail Ridge (Morrow)	⁶ Pool Code 83280	
⁷ Property Code 18167	⁸ Property Name Ling Federal	⁹ Well Number 4

II. ¹⁰ Surface Location

Ul or lot no. J	Section 31	Township 19S	Range 34E	Lot Idn	Feet from the 1660'	North/South Line South	Feet from the 2310'	East/West line East	County Lea
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 1-18-09	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

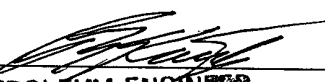
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
21778	Sunoco Partners Marketing & Terminals LP 104 North Big Spring Street, Suite 515; Midland, TX 79701	O
036785	DCP 10 Desta Drive, Suite 400; Midland, TX 79705	G

IV. Well Completion Data

²¹ Spud Date 8-17-08	²² Ready Date 1-17-09	²³ TD 13,577'	²⁴ PBDT 13,240'	²⁵ Perforations 13,190' - 13,216'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1586.5'	1000 sx "C"		
12 1/4"	9 5/8"	5172.2' DV Tool @ 3480.66'	400 sx HL "C" + 300 sx "C" 1200 sx HL "C" + 300 sx "C"		
8 3/4"	5 1/2"	13,569.97' DV Tool @ 10,662.01'	270 sx Econo Cem "H" + 375 sx Super H 860 sx HL "H" + 380 sx Super H		

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date 1-18-09	³³ Test Date 2-28-09	³⁴ Test Length 24 Hrs.	³⁵ Tbg. Pressure 40	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 0	³⁹ Water 0	⁴⁰ Gas 77.8	⁴¹ Test Method Flowing	
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Kim Tyson			OIL CONSERVATION DIVISION Approved by:  Title: PETROLEUM ENGINEER Approval Date: APR 13 2009		
Printed name: Kim Tyson					
Title: Regulatory Analyst					
E-mail Address: kint@forl.com					
Date: 3-17-09		Phone: 432-687-1777			