

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101
Revised July 18, 2013

Energy Minerals and Natural Resources

HOBBS OGD

Oil Conservation Division

☐ AMENDED REPORT

SEP 07 2016

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Fasken Oil and Ranch, Ltd. 6101 Holiday Hill Road Midland, TX 79707		² OGRID Number 151416
³ Property Code 36547 316809		⁵ API Number 70-025-43422
³ Property Name: Ouail "16" State SWD		⁶ Well No. 9

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	16	20-S	34-E		1050	South	2330	West	Lea

⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

⁹ Pool Information

⁹ Pool Name SWD: DEVONIAN	⁹ Pool Code 96101
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Additional Well Information

¹¹ Work Type N	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 3636.7'
¹⁶ Multiple	¹⁷ Proposed Depth 16,500'	¹⁸ Formation Devonian	¹⁹ Contractor TBD	²⁰ Spud Date 10/15/16
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

²¹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17-1/2"	13-3/8"	48 & 54.5#	1650'	1250 sx "C"	Surface
Inter.	12-1/4"	9-5/8"	40#	5250'	650 sx HLC & C	Surface
Prod.	8-3/4"	7"	26 & 29#	14750'	2650 sx	Surface

Casing/Cement Program: Additional Comments

A 6-1/8" hole will be drilled from 14,500'-16,000' and the well will be completed as an SWD in the open Devonian.

There will be a DV tool on the intermediate casing at 4000', with 1500 sx HLC and "C" cement from 4000'-surface

²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular and Double Ram	5000/5000	2500 annular/5000 rams	Schaffer

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.

Signature:

Printed name: Addison Long

Title: Regulatory Analyst

E-mail Address: addisonl@forl.com

Date: 9-1-16

Phone(432) 687-1777

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached

Petroleum Engineer

**There are no potash lessee's adjacent to this section, therefore, no notice is required.

SEE E-MAIL FROM LANDMAN

See Attached
Conditions of Approval

CONDITIONS OF APPROVAL

API #	Operator	Well name & Number
30-025-43422	FASKEN OIL AND RANCH LTD	QUAIL 16 STATE SWD # 009

Applicable conditions of approval marked with XXXXXX

Administrative Orders Required

XXXXXXX	Will require administrative order for SWD prior to placing the well on injection

Other wells

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Pits

XXXXXXX	If using a pit for drilling and completions, must have an approved pit form prior to spudding of the well

Casing

XXXXXXX	SURFACE CASING - Cement must circulate to surface --
XXXXXXX	INTERMEDIATE CASING - Cement must circulate to surface --
XXXXXXX	PRODUCTION CASING - Cement must circulate to surface --
XXXXXXX	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
XXXXXXX	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water

Completion & Production

XXXXXXX	Must notify Hobbs OCD office prior to conducting MIT (575) 393-6161 ext. 107
XXXXXXX	Must conduct MIT prior to any injection