Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised July 18, 2013

WELL API NO.
30-025-43422

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
316809

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name
Quail "16" State SWD

1. Type of Well: Oil Well ☐ Gas Well ☐ Other Salt Water Disposal

8. Well Number 9

2. Name of Operator
Fasken Oil and Ranch, Ltd.

9. OGRID Number
151416

3. Address of Operator
6101 Holiday Hill Road, Midland, TX 79707

10. Pool name or Wildcat
SWD; Devonian

4. Well Location
Unit Letter N : 1050 feet from the South line and 2330 feet from the West line
Section 16 Township 20S Range 34E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3636.7 GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER: Completion of Well	☒		

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1/11-

Loaded 7" casing with 5 bpw and performed pump in test as follows: Pumped 50 bpw @ 5 bpm @ 54 psi, increased rate to 10 bpm. Pumped 100 bpw @ 10 bpm @ 300 psi decreasing to 173 psi, increased rate to 15 bpm. Pumped 150 bpw @ 15 bpm @ 273 psi decreasing to 160 psi, increased rate to 20 bpm. Pumped 200 bpw at 20 bpm @ 320 psi decreasing to 240 psi, increased rate to 25 bpm. Pumped 70 bpw @ 25 bpm @ 440 psi increasing to 600 psi and we lost motor on charge pump. Shut down pumps for 10" and well took additional 28 bpw at a rate of 2.8 bpm on vacuum. Pumped a total of 598 bpw for pump in test. Opened 9-5/8" and 13-3/8" casing valves and RU Basic Energy acid crew. Rolled acid tanks to achieve 15% concentration. Loaded and tested lines to 4000 psi and set mechanical pop-off at 3800 psi. Loaded casing with 80 bbls (calculated FL 2088' FS). Acidized Devonian open hole with 40,000 gals 15% NEFE DI HCl and 10,000 lbs graded rock salt for diversion as follows: 7000 gals 15% NEFE DI HCl @ 16-20 bpm @ 20-463 psi, 1000# graded rock salt in 15 bbls gelled brine @ 20 bpm @ 440 psi. 7000 gals 15% NEFE DI HCl @ 20-23.5 bpm @ 422-484 psi, 1500# graded rock salt in 24 bbls gelled brine @ 23.3 bpm @ 456 psi. 5500 gals 15% NEFE DI HCl @ 22.8-23.4 bpm @ 413-428 psi, 2000# graded rock salt in 31 bbls gelled brine @ 22.3 bpm @ 267 psi. 5500 gals 15% NEFE DI HCl @ 22.9-23.8 bpm @ 152-25 psi, 2500# graded rock salt in 30 bbls gelled brine @ 20.9 bpm @ 26 psi. 6300 gals 15% NEFE DI HCl @ 21.5-19.6 bpm @ 26-29 psi, 3000# graded rock salt in 48 bbls gelled brine @ 18.2 bpm @ 29 psi. 8700 gals 15% NEFE DI HCl @ 20.3-21.9 bpm @ 29-33 psi. Dropped rate for last three blocks to hit open hole but did not see any diversion. Flushed with 200 bfw + 800 bpw. ISIP- vacuum. MIR- 23.8 bpm. AIR- 21 bpm. MIP- 501 psi. AIP- 105 psi. Well took additional 45 bpw on a 5.0 bpm vacuum rate through the pumps after SD. RIW w/ 1- 7" (5.825" OD) x 3-1/2 (3" ID) x 7.80' long EUE 8rd Arrowset 1X HP nickel plated injection packer with 7" (5" OD) x 3-1/3" EUE 8rd T-2 TOSSD, nickel plated J-housing and stainless steel 3-1/2" EUE 8rd top connection with stainless steel 2.81" "X" profile nipple 1.82' in length (left hand release) with 3-1/2" EUE 8rd (3" ID) x 4-1/2" BT&C box stainless steel (5" OD x .64" in length x 3" ID) crossover sub. Torqued 3-1/2" EUE 8rd threads to 1800 ft/lbs torque. Tubular Solutions thread tech on location to monitor buttress thread make up of casing connections by casing crew. Had to push first 4 jts casing and packer in well running a total of 30 jts casing with packer at 1378'. continued RIW with 4-1/2" IPC injection tubing. Tied back with 133 jts ran and changed elevators to slip type. Have ran 129 jts injection tubing today with thread tech monitoring each thread makeup with a total of 159 jts RIW with EOT at 7182'. NMOCD was notified of intent to complete well for disposal at 2:57 p.m., set up MIT test for Monday morning at 8:00 a.m. Continued working with tubing in attempt to get packer to J-up in running position with no success. Mr. Kenny Fortner with New Mexico OCD came by location today to check on progress. Verified packer was still set and continued to POW and LD 4-1/2" IPC buttress thread injection tubing with thread tech monitoring box to pin connections as pipe LD. RIW with 4-1/2" IPC injection tbg @ 14,702.57'. Tagged and latched into top of packer at

14,702' w/ center of element at 14,704' by tubing depth (top at 14,710' with center of element at 14,712' by WL depth). Stung into packer with 15 pts compression. Loaded tubing/casing annulus with 25 bfw mixed w/ biocide and tested to 560 psi on chart recorder for 35" with good test. Stung out of packer with 18 pts over string weight, LD top jt, and measured space out. Mixed 36 gals packer fluid with 10 gal biocide in 350 bfw and circulated in frac tank. Displaced 325 bbls packer fluid w/ biocide down tubing/casing annulus @ 2.50 bpm at 0 psi with no change in tubing status. PU 4-1/2" IPC L-80 Buttress subs 10.00' and 20.10' sub on top with 7-1/16" landing sub, seated seal assembly in packer and landed w/ 18 pts compression. Opened intermediate casing valve w/ ligh blow and opened surface casing with no flow at request of OCD representative. RU pump truck with 1000 psi chart recorder. Pressured 4-1/2" tubing x 7" casing annulus with 1/2 bfw with biocide to 560# and isolated truck from well. Ran chart for 35 min and lost 10 psi with no change in tubing, or intermediate or surface casing status and test was approved by OCD (Mr. Terry Fortner) with signed chart. Bled down pressure and RDPT. RUPT and conducted pump in rate w/ 225 bpw mixed w/ 10 gal biocide down tubing at 4.4 bpm rate with 500 psi on pump truck (Due to friction psi on 2" hose). ISDP vacuum with no change in tubing/casing status. Locked and tagged out wing valve. Final report until battery construction begins. Rigged down and cleaned location.

Spud Date:	12/7/2016	Rig Release Date:	01/08/2017

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

SIGNATURE _____ TITLE Regulatory Analyst DATE 3/03/17

Type or print name Addison Long E-mail address: addisonl@forl.com PHONE: 432-687-1777

For State Use Only

APPROVED BY: _____ TITLE _____ DATE 07/06/17

Conditions of Approval (if any):