

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

Oil Conservation Division

☐ AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

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 API Number 30-015-31471
⁴ Property Code 26935	⁵ Property Name Neely Com	⁶ Well No. 1

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
O	29	20S	25E		660	South	1400	East	Eddy

⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
O	29	20S	25E		660	South	1400	East	Eddy

⁹ Pool Information

Pool Name	Pool Code
Cemetery; Atoka, North (Gas)	74635

Additional Well Information

¹¹ Work Type P	¹² Well Type G	¹³ Cable/Rotary R	¹⁴ Lease Type P	¹⁵ Ground Level Elevation 3569'
¹⁶ Multiple N	¹⁷ Proposed Depth 9165'	¹⁸ Formation Atoka	¹⁹ Contractor	²⁰ Spud Date 7/1/20
Depth to Ground water		Distance from nearest fresh water well .82 miles		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits²¹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
surf.	17 1/2	13 3/8	48	406	688	surf.
inter.	12 1/4	9 5/8	36	3004	800	surf.
prod.	8 3/4	4 1/2	11.6	9835	900	6500' temp sur.

Casing/Cement Program: Additional Comments

See attached plugback procedure

²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
blinds and rams		5000 PSI	Townsend

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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature: <i>Addison Guelker</i>		OIL CONSERVATION DIVISION	
Printed name: Addison Guelker		Approved By: <i>Raymond W. Duda</i>	
Title: Regulatory Analyst		Title: Geologist	
E-mail Address: addisong@forl.com		Approved Date: 5/21/2020	Expiration Date: 5/21/2022
Date: 4/27/20	Phone: 432-687-1777	Conditions of Approval Attached	

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 30-015-31471		*Pool Code 74635	*Pool Name Cemetery; Atoka, North (Gas)
*Property Code 26935	*Property Name NEELY COM		*Well Number 1
*OGRD No. 151416	*Operator Name FASKEN OIL & RANCH, LTD		*Elevation 3569

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	29	20	25		660	SOUTH	1400	EAST	EDDY

¹¹ 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. Com. Agreement SW-950					

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>16</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Addison Guelker</i></p> <p>Signature</p> <p>Addison Guelker</p> <p>Printed Name</p> <p>Regulatory Analyst</p> <p>Title</p> <p>4/27/20</p> <p>Date</p>
	<p>18 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 best of my belief.</p> <p>OCTOBER 4, 2000</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p><i>James E. Thompson</i></p> <p>Certificate Number 14729</p>
	<p>14729</p>

Neely Com No. 1
Recommended Procedure
660' FSL & 1400' FEL
Sec 29, T20S R25E
AFE 4066

OBJECTIVE:	Recomplete to Atoka
WELL DATA:	
13-3/8" 48#/ft H-40 ST&C casing:	Set at 406.30' KB Cmt w/688 sx.
9-5/8" 36.0#/ft J-55 LT&C casing:	Set at 3003.76' KB, Cmt w/ 800 sx, circ 141 sx to surf.
4-1/2" 11.6# N-80 LT&C casing:	Set at 9,840.51', Cmt w/ 900 sx, TOC 6500' by temp survey.
	Marker jts 21.86' @ 9329.18'; 10.74' @ 8917.43'; 21.3' @ 8211.58'
Perfs:	9331'- 9342' (12 h), 9331'62 (56 h, 2-12-9-08), 9356'- 9362' (7h), 9404'- 9411' (8h), 9420'- 9422' (3h)
	9472'-9522' 4 JSPF 200 holes 0.41" EHD TCP
	9553'-60' (8 h, 2-12-08), 9562'-83' (22 h, 2-12-08)
	Total net feet 124, total holes 316
Tubing/pkr:	2-14-08: WL entry guide (0.43'), 4-1/2" Arrowset 1X 10K WLS pkr (6.16'), 2-3/8" x 4-1/2" TOSSD w/1.875" "F" (1.71'), 298 jts 2-3/8" EUE 8rd N-80 (9486.70'), 1 - 2-3/8" EUE 8rd N-80 tbg sub (10.03)', & 1 jt 2-3/8" EUE 8rd N-80 tbg (31.78'). EOT @ 9543.51' KB. Pkr @ 9536.92' KB. TBG Perf'd 9515'-16' 4hls
TD:	9,835'
PBTD:	9470' Composite Plug (pushed to btm 2004)
Current:	31 mcfd

1. Test mast anchors.
2. Set test tank and lay flowline.
3. RUPU.
4. RU pump truck and kill well w/ 30 bbls 2% KCL w/corrosion inhibitor, biocide, and oxygen scavenger.
5. NDWH, NU BOP.
6. Release packer and POW with 1 jt 2-3/8" EUE 8rd N-80 tbg (31.78'), 1 - 2-3/8" EUE 8rd N-80 tbg sub (10.03)', 298 jts 2-3/8" EUE 8rd N-80 (9486.70'), 2-3/8" x 4-1/2" TOSSD w/1.875" "F" (1.71'), 4-1/2" Arrowset 1X 10K WLS pkr (6.16'), WL entry guide (0.43').
7. RUWL with 3000 psi lubricator. RIW with 3.75" gauge ring to 9250'. RIW with 4-1/2" 11.6# CIBP and set at 9200'. Dump bail 35' class "H" cement (3sx) on CIBP at 9200' for PBTD 9165'. RDWL.
8. RIW with 2-3/8" EUE 8rd WL entry guide, 2-3/8"x10' EUE 8rd L-80 tubing sub, Arrowset 1 10k packer, TOSSD with 1.875" "F" profile nipple, about 277 joints 2-3/8" EUE 8rd 4.7#/ft N-80 tubing to and set packer at +/- 8850'.
9. Release TOSSD and circulate well with 2% KCL water w/corrosion inhibitor, biocide, and oxygen scavenger.
10. ND BOP. NUWH double valve flow tree, setting packer in 12 points compression.
11. Swab tubing volume to 6000' from surface.
12. RUWL with **5000** psi (Atoka 8964' Repeat Formation tester 4396 psi 3-29-01) lubricator and grease. Perforate Atoka sand zone with 1-11/16" Gamma strip gun bottom up as follows:

8954' – 68' (15h, 1JSPF)

Total 15 holes by Schlumberger Platform Express High Resolution PEX-HRLA/GR log dated 29-MAR-2001. POW, checking that all shots fired, and RDWL.

13. Flow test, swab and evaluate fluid entry.
14. If stimulation necessary, RU tree saver. RU pumping service. Trap 500 psi on annulus. Acidize Atoka sand perfs 8954'-68' (15h) via 2-3/8" tubing with 750 gal 7-1/2% NEFE HCL dropping 30 1.3 sg Bio ball sealers for diversion. Flush w/ 2% KCL water containing clay stabilizer. **Max surface pressure 3000 psi.**

Acid Additives(BJ Services):
6 gpt Ferrotrol 280L iron control, 2 gpt CI-27, 1 gpt Ne-940 Non-emulsifier, 1 gpt Inflo – 150 Surface Tension reducer, 0.5 gpt ClayMaster 5C Clay Control.
15. Swab and flow back acid and load water to steel test tank and evaluate.
16. Flow well and evaluate.
17. Return well to sales.
18. RDPU.

CWB/NH

4-14-20

(NeelyCom1_AFE 4066 Recomp Atoka pro 4-14-20.doc)