

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

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.)		WELL API NO. <b>30-015-22717</b>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator <b>Fasken Oil and Ranch, Ltd</b>		6. State Oil & Gas Lease No. <b>NM-101856</b>
3. Address of Operator <b>6101 Holiday Hill Road, Midland, TX 79707</b>		7. Lease Name or Unit Agreement Name <b>Shell Federal</b>
4. Well Location <b>13</b> <b>3300'</b> <b>South</b> <b>660'</b> <b>West</b> Unit Letter _____ feet from the _____ line and _____ feet from the _____ line Section <b>5</b> Township <b>21S</b> Range <b>24E</b> NMPM County <b>Eddy</b>		8. Well Number <b>2</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number <b>15146</b>
10. Pool name or Wildcat <b>SWD Devonian</b>		

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

- Bleed down any trapped pressure. NDWH, NU BOP.
- Release packer and POWw/ 3-1/2" 9.3# EUE 8rd L80 IC-101 Injection tubing and packer.
- LO any pitted or damaged joint. Repair packer if possible  
RIW w/ 2-7/8" Muleshoe FG sub, 5-1/2" Arrowset 1X NP/IPC injection packer, 2-7/8" x 2.25" SS "F" profile nipple with 4.5" TOSSD (NP skirt and SS top sub), 2-7/8" 8rd pin x 3-1/2" 8rd box x-o (NP) and 3-1/2" 9.3# EUE 8rd L80 IC-101 tubing while testing to 6000 psi below slips.
- Set packer within less than 100' of 10,678', come off TOSSD and circulate packer fluid.
- Engage TOSSD and pressure test casing to 600 psi.
- Schedule MIT test with NMOCD.

Spud Date:

Rig Release Date:

Accepted for Record

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

SIGNATURE

*Viola Vasquez*

TITLE

Regulatory Analyst

DATE

6-30-2022

Type or print name

Viola Vasquez

E-mail address:

violav@forl.com

PHONE:

432-687-1777

For State Use Only

APPROVED BY

TITLE

DATE

Conditions of Approval (if any):

Recommended Re-Entry Procedure

Fasken Oil and Ranch, Ltd ----- Shell Federal No. 2 SWD ----- -- ---  
3300' FSL and 660' FWL  
Sec. 5, T-21-S, R-24-E

Cemetery Field  
Eddy County, NM

<b>OBJECTIVE:</b> <b>API: 30-015-22717</b>	Pull and Repair Tubing and Packer
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1. Bleed down any trapped pressure. NDWH, NU BOP.
2. Release packer and POW w/ 3-1/2" 9.3# EUE 8rd L80 IC-101 Injection tubing and packer.
3. LD any pitted or damaged joint. Repair packer if possible  
  
RIW w/ 2-7/8" Muleshoe FG sub, 5-1/2" Arrowset 1X NP/IPC injection packer, 2-7/8" x 2.25" SS "F" profile nipple with 4.5" TOSSD (NP skirt and SS top sub), 2-7/8" 8rd pin x 3-1/2" 8rd box x-o (NP) and 3-1/2" 9.3# EUE 8rd L80 IC-101 tubing while testing to 6000 psi below slips.
4. Set packer within less than 100' of 10,678', come off TOSSD and circulate packer fluid.
5. Engage TOSSD and pressure test casing to 600 psi.
6. Schedule MIT test with NMOCD.

Well Name: SHELL FEDERAL	Well Location: T21S / R24E / SEC 5 / SWNW /	County or Parish/State: EDDY / NM
Well Number: 2	Type of Well: INJECTION - ENHANCED RECOVERY	Allottee or Tribe Name:
Lease Number: NMNM101856	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001522717	Well Status: Water Disposal Well	Operator: FASKEN OIL & RANCH LIMITED

Notice of Intent

Sundry ID: 2680417

Type of Submission: Notice of Intent	Type of Action: Workover Operations
Date Sundry Submitted: 07/05/2022	Time Sundry Submitted: 02:35
Date proposed operation will begin: 06/21/2022	

Procedure Description:

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Shell\_Fed\_2\_Workplan\_WBD\_20220706064336.pdf

<b>Well Name:</b> SHELL FEDERAL	<b>Well Location:</b> T21S / R24E / SEC 5 / SWNW /	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 2	<b>Type of Well:</b> INJECTION - ENHANCED RECOVERY	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM101856	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3001522717	<b>Well Status:</b> Water Disposal Well	<b>Operator:</b> FASKEN OIL & RANCH LIMITED

Conditions of Approval

Specialist Review

Workover\_or\_Vertical\_Deepen\_COA\_20220706123314.pdf

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

**Operator Electronic Signature:** VIOLA VASQUEZ **Signed on:** JUL 06, 2022 06:43 AM

**Name:** FASKEN OIL & RANCH LIMITED

**Title:** Regulatory Analyst

**Street Address:** 6101 HOLIDAY HILL ROAD

**City:** MIDLAND **State:** TX

**Phone:** (432) 687-1777

**Email address:** VIOLAV@FORL.COM

Field

**Representative Name:**

**Street Address:**

**City:** **State:** **Zip:**

**Phone:**

**Email address:**

BLM Point of Contact

**BLM POC Name:** Jonathon W Shepard **BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5752345972 **BLM POC Email Address:** jshepard@blm.gov

**Disposition:** Approved **Disposition Date:** 07/06/2022

**Signature:** Jonathon Shepard

## Shell Federal No. 2 SWD

Current

As Of 1-31-12

GL: 3765.70'; KB: 3781.7'

Operator: **Fasken Oil and Ranch, Ltd.**

Location: 3300' FSL and 660' FWL

Sec 5, T21S, R24

Eddy County, NM

Compl.: 12/10/1978 Rig Released

API #: 30-015-22717

TD: 10020'

Casing: **13-3/8" 54.5# J55 @ 400'**w/400sx Lite w/2%CaCl<sub>2</sub>, 13.6ppg+200 sx "C" w/2%CaCl<sub>2</sub>, 14.8ppg.

TOC surf, cir 201sx

**8-5/8" 32#&24# K55 @ 3000' KB** (btm 628.12' 32#)

w/925 sx Lite, 13.1-13.6 ppg

+200 sx "C" w/2%CaCl<sub>2</sub>, 14.8ppg.

TOC surf, cir 137sx

**5-1/2" 17# L-80, K-55, & J-55 @ +/-10678'****ECP1 10650', DV1 10645.1', ECP2 7028.2', DV2 7023.02'**

First Stage: Set packer and open DV tool, pumped 775 sx Starbond C with 0.5% C-12, 0.55% FL-10, 0.1% C-51, 0.15% C-20, and 0.25% R-38 (s.w. 13.2 ppg, 1.56 yield ft<sup>3</sup>/sx). Final differential pressure 1150 psi @ 3.5 bpm. Full returns throughout. Close lower DV tool, open top DV tool and circulate for 6 hrs. Did not recover any cement from first stage. Plug down @ 6:00 a.m. CST on 1-30-12.

**Wfcmp 7018'**

Second Stage: Pumped 700 sx 35/65 "C" with 1/8# Poly-E-Flake, 0.1% C-20, 0.25% R-38, 1% salt, and 6% gel (s.w. 12.4, yield 2.01 ft<sup>3</sup>/sx), tailed in with 250 sx Class "H" with 0.1% C-20 and 0.25% R-38 (s.w. 15.6 ppg, yield 1.18 ft<sup>3</sup>/sx). Good returns throughout, circulated 120 sx to surface. Final differential pressure 1890 psi, plug down @ 2:00 p.m. CST on 1-30-12.

**Tubing 3-7-12**

1 - 2-7/8"x4' mule shoe fbrgls sub 4.00

1 - 5-1/2"17# NP Arrowset IX 10K pkr

w/wetted IPC parts 7.41

1-2.25"F"SS PMN w/3-1/2" OD TOSSD

'NP w/SS t/sub3-1/2"x2-7/8"/mSSXO 2.05

325-jt3-1/2"9.3#EUE8rd L80 IPCTK-99

'w/special clearance cplngs 10,602.40

10,615.86

KB 16.00

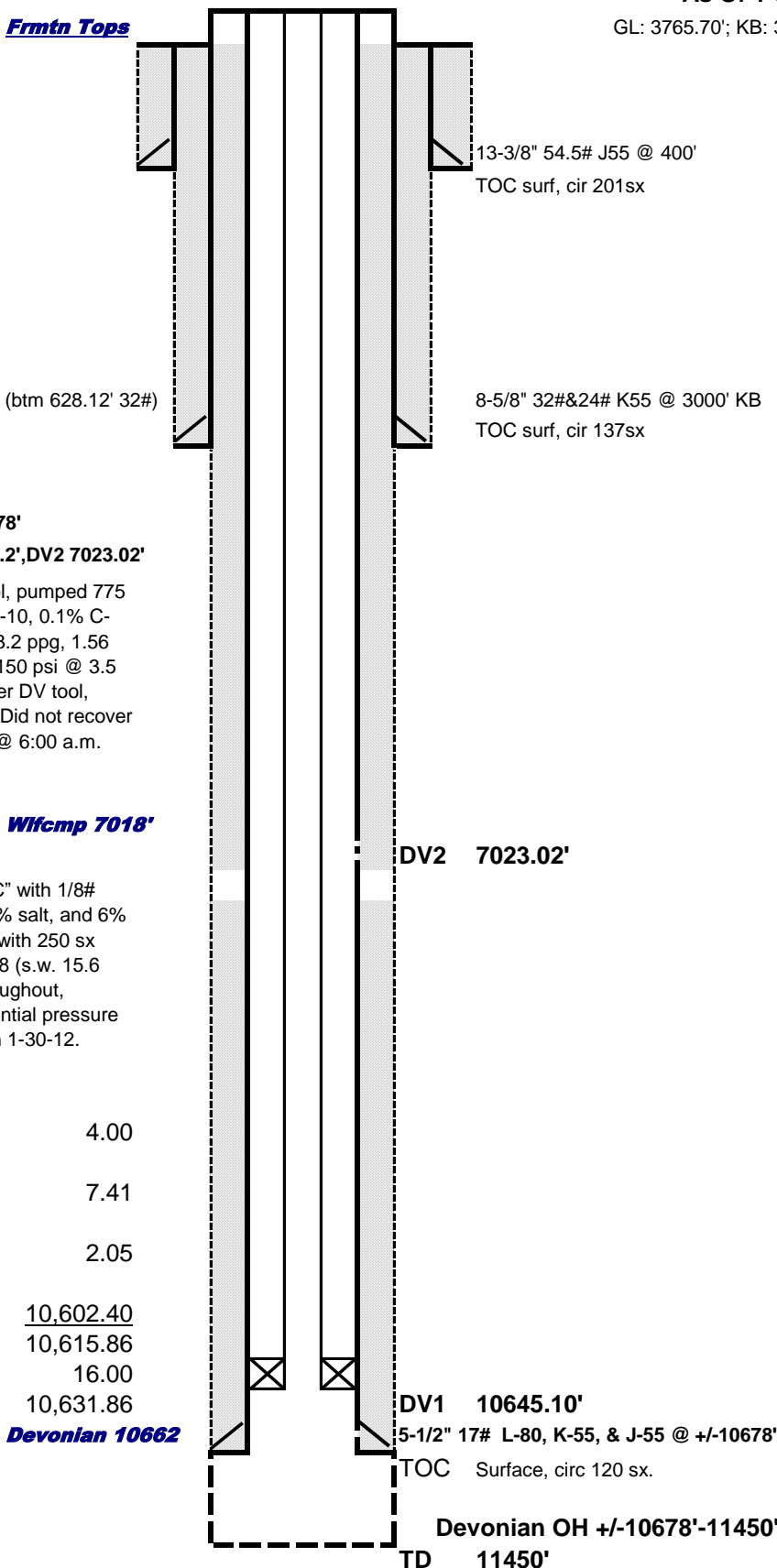
EOT 10,631.86

**Devonian 10662**

## Hole Sizes:

17-1/2" 0-400'; 12-14" 400-3000' ; 7/7/8" 3000'-10020'

New 7-7/8" 10020'-11450' (OH +/-10250'-11000')

**DV1 10645.10'****5-1/2" 17# L-80, K-55, & J-55 @ +/-10678'**

TOC Surface, circ 120 sx.

**Devonian OH +/-10678'-11450'****TD 11450'**

cwb  
4/5/2022  
ShellFed2 wb diagram

## Shell Federal No. 2 SWD

As Of 1-31-12

GL: 3765.70'; KB: 3781.7'

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Location: 3300' FSL and 660' FWL

Sec 5, T21S, R24

Eddy County, NM

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Casing: **13-3/8" 54.5# J55 @ 400'**w/400sx Lite w/2%CaCl<sub>2</sub>, 13.6ppg+200 sx "C" w/2%CaCl<sub>2</sub>, 14.8ppg.

TOC surf, cir 201sx

**8-5/8" 32#&24# K55 @ 3000' KB**

(btm 628.12' 32#)

w/925 sx Lite, 13.1-13.6 ppg

+200 sx "C" w/2%CaCl<sub>2</sub>, 14.8ppg.

TOC surf, cir 137sx

**5-1/2" 17# L-80, K-55, & J-55 @ +/-10678'****ECP1 10650', DV1 10645.1', ECP2 7028.2', DV2 7023.02'**

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**Tubing 6/30/2022**

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1 - 5-1/2"17# NP Arrowset IX 10K pkr 7.41

w/wetted IPC parts

1-2.25"SS PMN w/3-1/2" OD TOSSD 2.00

'NP w/SS t/sub3-1/2"x2-7/8"/mSSXO

325-jt3-1/2"9.3#EUE8rd L80 IPCTK-99

'w/special clearance cplngs

10,598.2010,612.08

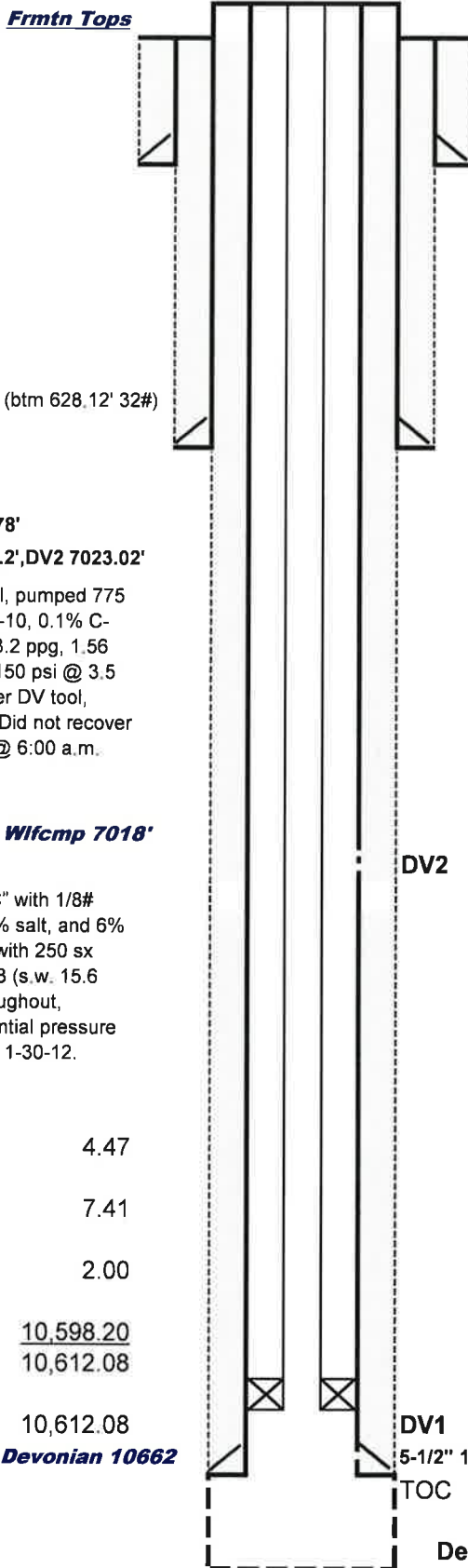
Pkr 10610

EOT 10,612.08

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TOC surf, cir 137sx

DV2 7023.02'

DV1 10645.10'

5-1/2" 17# L-80, K-55, &amp; J-55 @ +/-10678'

TOC Surface, circ 120 sx.

Devonian OH +/-10678'-11450'

TD 11450'

cwb

7/1/2022

ShellFed2 wb diagram

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
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**District II**  
811 S. First St., Artesia, NM 88210  
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Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 123154

CONDITIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 123154
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
pgoetze	Operator violated 19.15.7.11 NMAC by not providing sundry notice of intent to the OCD prior to performing remedial work on the well.	7/7/2022