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.
30-025-27237

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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
James O'Neill

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 1

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
Morton; Wolfcamp

4. Well Location
Unit Letter E : 1874 feet from the North line and 766 feet from the West line
Section 7 Township 15S Range 35E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
4063' KB

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:			☐

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.

Fasken Oil and Ranch, Ltd. plans to plug and abandon the above well. Please see attached wellbore diagram and procedures.

4" diameter 4' tall Above Ground Marker

SEE ATTACHED CONDITIONS OF APPROVAL

Spud Date: Rig Release Date:

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

SIGNATURE Addison Guelker TITLE Regulatory Analyst DATE 9/18/20

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

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 2/9/21
Conditions of Approval (if any):

Recommended Procedure
James O'Neill State No. 1
1874' FNL & 766' FWL
Sec 7, T15S, R25E
API No. 30-025-27237
AFE No. 4090

OBJECTIVE:	Plug and Abandon
WELL DATA:	
11-3/4" 42# H-40 ST&C casing:	Set at 440', w/ 300 sx "C", circ 40 sx cmt to surface.
8-5/8" 24# S-80 casing:	Set at 4625', w/ 1850 sx Howco Lite + 200 sx "C", circ 140 sx cmt to surface
5-1/2" 15.5#, 17# K-55, N-80 liner:	Set at 10,500', w/ 350 sx "H" + 625 sx "H" w/ nitrogen + 175 sx "H". TOC at +/-3950' (safety joint)
KB:	15'- KB 4063', GL 4048'
TD:	10,500'
PBTD:	+/- 10,451'
Perforations:	Upper Morton Wolfcamp- 10,321'-25', 10,331'-33' (2 jspf, 14 holes). Perforations squeezed in 09/1988 with 100 sx cement (57 sx in formation). Squeeze held 500 psi. Lower Morton Wolfcamp (current perforations) - 10,383'-91', 10,397'-10,401' (2 jspf, 24 holes)

1. Notify NMOCD of intent to rig up and begin P&A operations. Check with Addison Guelker/Jimmy Carlile to make sure we have necessary permits to begin work.

2. Receive pipe racks, catwalk, and 250 bbl steel half frac workover tank.

3. Receive and unload +/-10,500' 2-3/8" EUE 8rd N-80 work string. Clean threads and tally tubing.

4. Set rig mats and RUPU. POW laying down rods and pump, noting any corrosion and/or wear on rods. Send rods in for inspection and pump to pump shop.

5. Kill well if necessary with produced water. NDWH, release TAC, and NU 3k manual BOP with 2-3/8" pipe rams. POW laying down production tubing. Note any external corrosion or pitting on OD of tubing. Backhaul tubing for inspection.

6. RUWL with packoff. RIW with 4.75" gauge ring, junk basket, and CCL to 10,300'. POW and LD tools.

7. RIW with 5-1/2" (17#) 10k CIBP on wireline. Attempt to correlate to 5-1/2" safety joint located at +/-3975' KB and set CIBP at 10,290' (be sure to set CIBP at least 5' away from a casing collar). POW and LD setting tool. RIW with dump bailer and dump bail 35' Class "H" cement on top of CIBP in 2 runs. POW and RDWL.

8. RIW with open-ended 2-3/8" x 4' perforated sub, 2-3/8" SN, and 2-3/8" work string and tag cement on top of CIBP. Notify NMOCD and FORL Midland office of tag depth. Proceed to next step only with NMOCD/FORL approval.

9. Pick up 5' and establish conventional circulation. Displace well up to 4600' (roughly 130 bbls) with 9.5 ppg mud-laden brine water (25 sx gel per 100 bbl water).

10. POW laying down tubing to 9500'. Mix and spot 25 sx Class "H" (15.6 ppg, 1.18 ft3/sx) and displace cement to 9300' with 9.5 ppg mud-laden brine water.

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11. POW laying down tubing to 8050'. Mix and spot 25 sx Class "H" (15.6 ppg, 1.18 ft3/sx) and displace cement to 7850' with 9.5 ppg mud-laden brine water.

12. POW laying down tubing to 6150'. Mix and spot 25 sx Class "C" (14.8 ppg, 1.32 ft3/sx) and displace cement to 5900' with 9.5 ppg mud-laden brine water.

13. POW laying down tubing to 4670'. Mix and spot 25 sx Class "C" (14.8 ppg, 1.32 ft3/sx) and displace cement to 4420' with 9.5 ppg mud-laden brine water. POW standing back 2000' tubing. WOC 4 hours.

14. RIW and tag cement. Notify NMOCD and FORL Midland office of tag depth. Proceed to next step only with NMOCD/FORL approval.

15. Pick up 5' and displace well to surface with 9.5 ppg mud-laden brine water. POW standing back 3000' tubing and lay down the remainder.

16. RIW with 2-3/8" x 4' perforated sub, 5-1/2" AD-1 tension packer (set in 15.50# but must be able to get through 17#), 2-3/8" SN, and 2-3/8" work string to 2500' and set packer.

17. RUWL and packoff. RIW with 1-11/16" strip gun and perforate squeeze holes in 5-1/2" casing at 3000'. Be sure 5-1/2" x 8-5/8" annulus is open and pressure bled off before perforating squeeze holes. POW with WL.

18. Close pipe rams and establish circulation via tubing out 5-1/2" x 8-5/8" annulus with 9.5 ppg mud-laden brine water. Mix and spot 40 sx Class "C" (14.8 ppg, 1.32 ft3/sx) and displace cement to 2850'. Release packer, POW standing back 500' tubing and LD packer.

19. RUWL and packoff. RIW with 1-11/16" strip gun and perforate squeeze holes in 5-1/2" casing at 490'. POW and RDWL.

20. RIW with 5-1/2" AD-1 tension packer and 1 jt tubing and set packer. Mix and pump Class "C" (14.8 ppg, 1.32 ft3/sx) until cement is visually verified in returns from 5-1/2" x 8-5/8" annulus (should be roughly 125 sx). Release packer, POW with tubing and packer, and top off 5-1/2" casing with cement if necessary.

21. ND BOP, RDPU, and release all rental equipment.

22. Empty workover tank, cut off mast anchors, and clean location.

23. Cut off casing 3' below ground level. Weld plate onto casing with marker joint with the following information:

Fasken Oil and Ranch, Ltd.
James O'Neill State No. 1
Section 7, T-15-S, R-25-E
Lea County, New Mexico

API # 30-025-27237 and date on marker as well

24. Remediate location as per OCD requirements.

CLH
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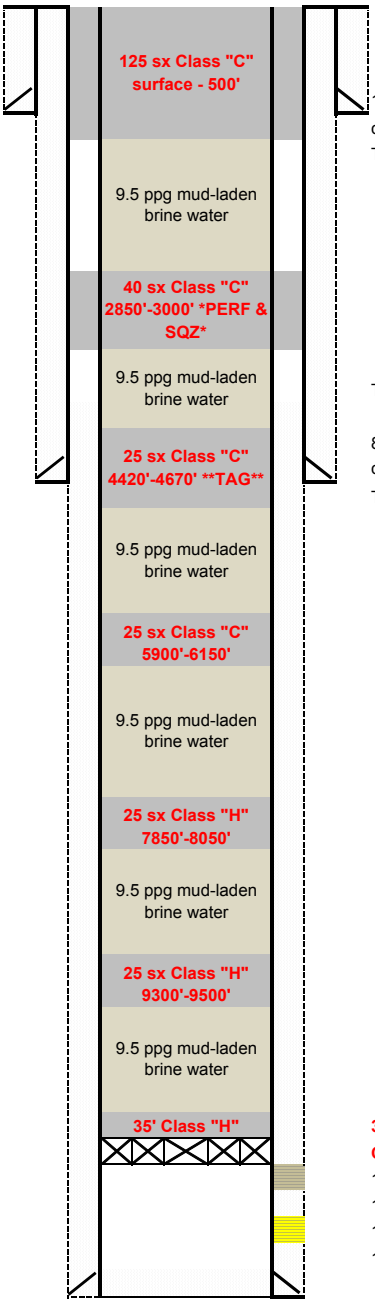
Well: **James O'Neill State No. 1**
Operator: **Fasken Oil and Ranch, Ltd.**
Location: 1874' FNL and 766' FWL
Sec 7, T15S, R25E
Lea County, NM
Compl.: 10/18/1981
API #: 30-025-27237
TD: 10,500'
PBTD: +/- 10,451'
Casing: **11-3/4" 42# H-40 ST&C set @ 440'**
cmt w/ 300 sx "C"
TOC surface
8-5/8" 24, 28# K-55, S-80 set @ 4618'
cmt w/ 2050 sx
TOC surface
5-1/2" 15.5, 17# K-55, N-80 set @ 10,500'
cmt w/ 1175 sx
TOC +/- 3950'

Hole Sizes: 14-3/4" to 440'
11" to 4618'
7-7/8" to 10,500'

Perfs: 10321'-10325' (squeezed)
10331'-10333' (squeezed)
10383'-10391'
10397'-10401'

Current: as of 7/14/2020
GL: 4048'
KB: 4063'



11-3/4" 42# H-40 ST&C set @ 440'
cmt w/ 300 sx "C"
TOC surface

TOC +/- 3950'

8-5/8" 24, 28# K-55, S-80 set @ 4618'
cmt w/ 2050 sx
TOC surface

35' Class "H" cmt dump bail on top of CIBP
CIBP set @ 10,290'
10321'-10325' (squeezed)
10331'-10333' (squeezed)
10383'-10391'
10397'-10401'

PBTD: +/- 10,451'
TD: 10,500'
5-1/2" 15.5, 17# K-55, N-80 set @ 10,500'
cmt w/ 1175 sx
TOC +/- 3950'

CONDITIONS OF APPROVAL
FOR PLUGGING AND ABANDONMENT
OCD - Southern District

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at **(575)-263-6633** at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

Company representative will be on location during plugging procedures.

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.

2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.

3. Trucking companies being used to haul oilfield waste fluids to a disposal - commercial or private- shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.

4. Filing a subsequent C-103 will serve as notification that the well has been plugged.

5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can +be released.

6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.

7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.

8. Produced water will not be used during any part of the plugging operation.

9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.

10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.

11. Class 'C' cement will be used above 7500 feet.

12. Class 'H' cement will be used below 7500 feet.

13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged

14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.

16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set

17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.

18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).

19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.

20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops

A) **Fusselman**

B) **Devonian**

C) **Morrow**

D) **Wolfcamp**

E) **Bone Springs**

F) **Delaware**

G) **Any salt sections**

H) **Abo**

I) **Glorieta**

J) **Yates.**

K) **Potash---(In the R-111-P Area (Potash Mine Area),**

A solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, woe 4 hours and tag, this plug will be SO' below the bottom and 50' above the top of the Formation.

21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, woe and tagged. These plugs will be set SO' below formation bottom to 50' above formation top inside the casing.

DRY HOLE MARKER REQ.UIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name

2. Lease and Well Number

3. API Number

4. Unit letter

5. Quarter Section (feet from the North, South, East or West)

6. Section, Township and Range

7. Plugging Date

8. County

SPECIAL CASES -----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

Recommended Procedure
James O'Neill State No. 1
1874' FNL & 766' FWL
Sec 7, T15S, R25E
API No. 30-025-27237
AFE No. 4090

OBJECTIVE:	Plug and Abandon
WELL DATA:	
11-3/4" 42# H-40 ST&C casing:	Set at 440', w/ 300 sx "C", circ 40 sx cmt to surface.
8-5/8" 24# S-80 casing:	Set at 4625', w/ 1850 sx Howco Lite + 200 sx "C", circ 140 sx cmt to surface
5-1/2" 15.5#, 17# K-55, N-80 liner:	Set at 10,500', w/ 350 sx "H" + 625 sx "H" w/ nitrogen + 175 sx "H". TOC at +/-3950' (safety joint)
KB:	15'- KB 4063', GL 4048'
TD:	10,500'
PBTD:	+/- 10,451'
Perforations:	Upper Morton Wolfcamp- 10,321'-25', 10,331'-33' (2 jspf, 14 holes). Perforations squeezed in 09/1988 with 100 sx cement (57 sx in formation). Squeeze held 500 psi. Lower Morton Wolfcamp (current perforations) - 10,383'-91', 10,397'-10,401' (2 jspf, 24 holes)

1. Notify NMOCD of intent to rig up and begin P&A operations. Check with Addison Guelker/Jimmy Carlile to make sure we have necessary permits to begin work.

2. Receive pipe racks, catwalk, and 250 bbl steel half frac workover tank.

3. Receive and unload +/-10,500' 2-3/8" EUE 8rd N-80 work string. Clean threads and tally tubing.

4. Set rig mats and RUPU. POW laying down rods and pump, noting any corrosion and/or wear on rods. Send rods in for inspection and pump to pump shop.

5. Kill well if necessary with produced water. NDWH, release TAC, and NU 3k manual BOP with 2-3/8" pipe rams. POW laying down production tubing. Note any external corrosion or pitting on OD of tubing. Backhaul tubing for inspection.

6. RUWL with packoff. RIW with 4.75" gauge ring, junk basket, and CCL to 10,300'. POW and LD tools.

7. RIW with 5-1/2" (17#) 10k CIBP on wireline. Attempt to correlate to 5-1/2" safety joint located at +/-3975' KB and set CIBP at 10,290' (be sure to set CIBP at least 5' away from a casing collar). POW and LD setting tool. RIW with dump bailer and dump bail 35' Class "H" cement on top of CIBP in 2 runs. POW and RDWL.

8. RIW with open-ended 2-3/8" x 4' perforated sub, 2-3/8" SN, and 2-3/8" work string and tag cement on top of CIBP. Notify NMOCD and FORL Midland office of tag depth. Proceed to next step only with NMOCD/FORL approval.

9. Pick up 5' and establish conventional circulation. Displace well up to 4600' (roughly 130 bbls) with 9.5 ppg mud-laden brine water (25 sx gel per 100 bbl water).

10. POW laying down tubing to 9500'. Mix and spot 25 sx Class "H" (15.6 ppg, 1.18 ft3/sx) and displace cement to 9300' with 9.5 ppg mud-laden brine water.

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11. POW laying down tubing to 8050'. Mix and spot 25 sx Class "H" (15.6 ppg, 1.18 ft3/sx) and displace cement to 7850' with 9.5 ppg mud-laden brine water.

12. POW laying down tubing to 6150'. Mix and spot 25 sx Class "C" (14.8 ppg, 1.32 ft3/sx) and displace cement to 5900' with 9.5 ppg mud-laden brine water.

13. POW laying down tubing to 4670'. Mix and spot 25 sx Class "C" (14.8 ppg, 1.32 ft3/sx) and displace cement to 4420' with 9.5 ppg mud-laden brine water. POW standing back 2000' tubing. WOC 4 hours.

14. RIW and tag cement. Notify NMOCD and FORL Midland office of tag depth. Proceed to next step only with NMOCD/FORL approval.

15. Pick up 5' and displace well to surface with 9.5 ppg mud-laden brine water. POW standing back 3000' tubing and lay down the remainder.

16. RIW with 2-3/8" x 4' perforated sub, 5-1/2" AD-1 tension packer (set in 15.50# but must be able to get through 17#), 2-3/8" SN, and 2-3/8" work string to 2500' and set packer.

17. RUWL and packoff. RIW with 1-11/16" strip gun and perforate squeeze holes in 5-1/2" casing at 3000'. Be sure 5-1/2" x 8-5/8" annulus is open and pressure bled off before perforating squeeze holes. POW with WL.

18. Close pipe rams and establish circulation via tubing out 5-1/2" x 8-5/8" annulus with 9.5 ppg mud-laden brine water. Mix and spot 40 sx Class "C" (14.8 ppg, 1.32 ft3/sx) and displace cement to 2850'. Release packer, POW standing back 500' tubing and LD packer.

19. RUWL and packoff. RIW with 1-11/16" strip gun and perforate squeeze holes in 5-1/2" casing at 490'. POW and RDWL.

20. RIW with 5-1/2" AD-1 tension packer and 1 jt tubing and set packer. Mix and pump Class "C" (14.8 ppg, 1.32 ft3/sx) until cement is visually verified in returns from 5-1/2" x 8-5/8" annulus (should be roughly 125 sx). Release packer, POW with tubing and packer, and top off 5-1/2" casing with cement if necessary.

21. ND BOP, RDPU, and release all rental equipment.

22. Empty workover tank, cut off mast anchors, and clean location.

23. Cut off casing 3' below ground level. Weld plate onto casing with marker joint with the following information:

    Fasken Oil and Ranch, Ltd.

    James O'Neill State No. 1

    Section 7, T-15-S, R-25-E

    Lea County, New Mexico

24. Remediate location as per OCD requirements.

CLH
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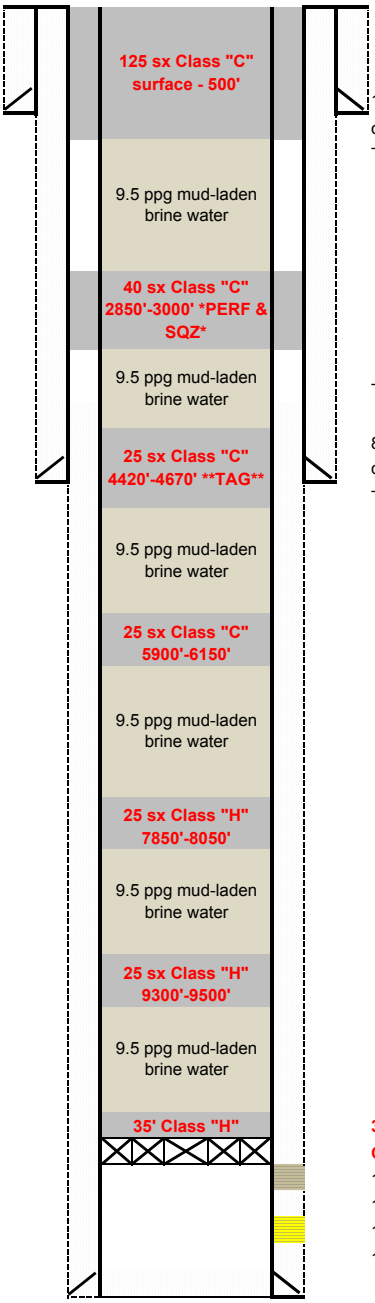
Well: **James O'Neill State No. 1**
Operator: **Fasken Oil and Ranch, Ltd.**
Location: 1874' FNL and 766' FWL
Sec 7, T15S, R25E
Lea County, NM
Compl.: 10/18/1981
API #: 30-025-27237
TD: 10,500'
PBTD: +/- 10,451'
Casing: **11-3/4" 42# H-40 ST&C set @ 440'**
cmt w/ 300 sx "C"
TOC surface
8-5/8" 24, 28# K-55, S-80 set @ 4618'
cmt w/ 2050 sx
TOC surface
5-1/2" 15.5, 17# K-55, N-80 set @ 10,500'
cmt w/ 1175 sx
TOC +/- 3950'

Hole Sizes: 14-3/4" to 440'
11" to 4618'
7-7/8" to 10,500'

Perfs: 10321'-10325' (squeezed)
10331'-10333' (squeezed)
10383'-10391'
10397'-10401'

Current: as of 7/14/2020
GL: 4048'
KB: 4063'



11-3/4" 42# H-40 ST&C set @ 440'
cmt w/ 300 sx "C"
TOC surface

TOC +/- 3950'

8-5/8" 24, 28# K-55, S-80 set @ 4618'
cmt w/ 2050 sx
TOC surface

35' Class "H" cmt dump bail on top of CIBP
CIBP set @ 10,290'
10321'-10325' (squeezed)
10331'-10333' (squeezed)
10383'-10391'
10397'-10401'

PBTD: +/- 10,451'
TD: 10,500'
5-1/2" 15.5, 17# K-55, N-80 set @ 10,500'
cmt w/ 1175 sx
TOC +/- 3950'

District I
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 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 17550

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
FASKEN OIL & RANCH LTD 6101 Holiday Hill Road Midland, TX79707	151416	17550	C-103F

OCD Reviewer	Condition
kfortner	None