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State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

Online Phone Directory Visit:  
<https://www.emnrd.nm.gov/ocd/contact-us/>

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

|   |  |   |
|---|--|---|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br>(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.<br>30-025-05043  |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>  |  | 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 2. Name of Operator<br>Fasken Oil and Ranch, Ltd  |  | 6. State Oil & Gas Lease No.  |
| 3. Address of Operator<br>6101 Holiday Hill Road, Midland, TX 79707   |  | 7. Lease Name or Unit Agreement Name<br>Wingerd   |
| 4. Well Location<br>J 2310 South 1650 East<br>Unit Letter: ; feet from the line and feet from the line<br>Section 24 Township 12S Range 37E NMPM County Lea   |  | 8. Well Number 10<br>9. OGRID Number 151416<br>10. Pool name or Wildcat                             |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3886' KB  |  |   |

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

|   |  |   |  |
|---|--|---|--|
| <b>NOTICE OF INTENTION TO:</b><br>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/><br>TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/><br>PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/><br>DOWNHOLE COMMINGLE <input type="checkbox"/><br>CLOSED-LOOP SYSTEM <input type="checkbox"/><br>OTHER: <input type="checkbox"/> |  | <b>SUBSEQUENT REPORT OF:</b><br>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/><br>COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/><br>CASING/CEMENT JOB <input type="checkbox"/><br>OTHER: <input type="checkbox"/> |  |
|   |  | Notify OCD 24 hrs. prior to any work done. <a href="mailto:gilbert.cordero@emnrd.nm.gov">gilbert.cordero@emnrd.nm.gov</a>   |  |
| 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 proposes to Plug and Abandon this wellbore. Attached is the before and after Wellbore diagrams and the plugging procedure.

SEE CHANGES TO PROCEDURE

Spud Date:  Rig Release Date:

\*\*\*SEE ATTACHED COA's\*\*\*

MUST BE PLUGGED BY 5/15/26

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 06-05-2025

Type or print name Viola Vasquez E-mail address: violav@forl.com PHONE: 432-687-1777

**For State Use Only**

APPROVED BY: [Signature] TITLE Staff Manager DATE 6/5/25  
 Conditions of Approval (if any):

**Wingerd No. 10**  
**2310' FSL & 1650' FEL**  
**Section 24, T12S, R37E**  
**Lea County, New Mexico**  
**30-025-05043**  
**A.F.E. 4857**

**OBJECTIVE:**

Plug and Abandon

**WELL DATA:**

|                                    |  |
|------------------------------------|--|
| 13-3/8" F-25 casing:               | Set at 315'. Cmt with 225 sx w/ 8% gel + 100 sx neat. TOC surface, circ 50 sx  |
| 9-5/8" 36#, 40# J-55, N-80 casing: | Set at 4493', DV tool at 2275'. Cmt 1 <sup>st</sup> stg w/ 440 sx w/ 8% gel + 100 sx neat. Cmt 2 <sup>nd</sup> stg w/ 150 sx neat. TOC estimated at 1840' FS |
| 5-1/2" 17#, 20# N-80 casing:       | Set 12,015'. Cmt w/ 640 sx w/ 4% gel w/ 640 ft3 perlite. TOC 8450' FS (CBL ran 4/14/2000)  |
| TD:                                | 12,016'  |
| PBSD:                              | 11,730' (cmt retainer at 11,792')  |
| Perfs:                             | 11,630' – 11,681'  |
|                                    | 11,700' – 11,760'  |
|                                    | 11,766' – 11,788'  |
|                                    | 11,800' – 11,953' (squeezed)   |

**Note- tight spot in casing encountered at 2645' FS.**

**Bubble Test @  
all perforations**

**CIBP set at 11,591'. Dump bailed 3 sx "H" on top (1/15/2025)**

**All plug mud to be mixed at 25 sx per 100 bbls water.**

1. **Notify NMOCD representative with plans to begin P&A 48 hours prior to rigging up. Record job number.**
2. Be sure mast anchors have been tested and tagged within last 2 years.
3. Set (1) 500 bbl frac tank and (1) 250 bbl half frac tank. Lay steel line from wellhead to half frac tank.
4. Spot 2 sets of pipe racks and catwalk. Take delivery of +/- 11,600' 2-3/8" EUE 8rd yellow band work string. Clean threads, drift and tally tubing.
5. Bleed down any pressure from well and check for flow.
6. MIRU pulling unit. NDWH and NU 3k manual BOP with 2-3/8" pipe rams. Function test BOP.
7. **Dump Bail 1 sack cement on plug @ 11566' - Minimum 35' required or spot 15 sacks cmt - WOC & Tag - Test Casing CIBP to 5200' Run CBL to surface.**
8. RIW with 2-3/8" notched collar, 2-3/8" seating nipple, and 2-3/8" tubing. Tag TOC at +/- 11,550'. Report results to Midland office and NMOCD. Note any obstructions encountered while RIW. Proceed to next step after Midland office and NMOCD approval.
9. Pick up 5', establish conventional circulation, and spot 160 bbls 9.5 ppg plug mud from 11,566' up to +/- 4600'. POW laying down tubing to set EOT at 9070'.

**Hole in casing - TAG ALL PLUGS**

**Spot 15 sx cmt 11015' - 10815' - T Miss - WOC & Tag**  
**Spot 15 sx cmt 9885' - 9685' - T Penn - WOC & Tag**

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**Wolfcamp Plug**

9. Establish conventional circulation, mix and pump 5 bfw spacer followed by 25 sx Class "H" cement (1.06 ft<sup>3</sup>/sx) and displace to +/- 8870' with 9.5 ppg plug mud. - **WOC & Tag**
10. POW standing back +/- 7800' tubing in derrick and laying down the remainder.

**Abo Plug**

11. RIW with 2-3/8" notched collar, 2-3/8" x 6' tubing sub, 2-3/8" x 5-1/2" AS-1X packer, 2-3/8" seating nipple, and 2-3/8" tubing. Set packer at 7500'.
12. RUWL and packoff. RIW and perforate squeeze holes in 5-1/2" casing at 7855'. POW and LD tool string.
13. Be sure 5-1/2" x 9-5/8" annulus is open and plumbed to tank to take returns. Establish injection rate into squeeze holes. Mix and pump 5 bfw spacer followed by 40 sx Class "C" cement (1.32 ft<sup>3</sup>/sx) and displace to +/- 7725' with 9.5 ppg plug mud. - **WOC & Tag**

**Glorietta Plug**    **Perf & Sqz cement 7630' - 7050' - T Drinkard, Bad csg - WOC & Tag @ 7050' or higher**

14. Release packer, POW laying down +/- 2000' tubing and set packer at +/- 5550'.
15. RUWL and packoff. RIW and perforate squeeze holes in 5-1/2" casing at 5890'. POW and LD tool string.
16. Establish injection rate into squeeze holes. Mix and pump 5 bfw spacer followed by 40 sx Class "C" cement (1.32 ft<sup>3</sup>/sx) and displace to +/- 5790' with 9.5 ppg plug mud.    **WOC & Tag**
17. POW standing back 4600' tubing and laying down remainder.

**Perf and sqz cement 5225' - 5000' - casing leak - WOC and Test csg to surface****5-1/2" Casing Cut Off**

18. ND BOP and tubing head. Spear into 5-1/2" casing, pick up on casing and remove casing slips from wellhead. Install temporary slips and disengage spear.
19. RUWL and packoff. RIW and free point casing (remainder of procedure is based on a cut off at 4550'). Report results to Midland office. POW and LD free point tool.
20. NU BOP and change pipe rams in BOP to 5-1/2". RIW with jet cutter. Cut 5-1/2" casing at depth based on free point. POW and RDWL.
21. RU casing crew. Spear into 5-1/2" casing, POW and LD top joint of 5-1/2" casing. Disengage spear and POW with remainder of 5-1/2" casing, installing clean thread protectors. Backhaul 5-1/2" casing for inspection.

**Intermediate Casing Shoe, 5-1/2" Cut Off Plug - T SA**

22. RIW with 2-3/8" notched collar, 2-3/8" seating nipple, and 2-3/8" tubing. Work tubing slowly into 5-1/2" casing stub and continue RIW to set EOT at 4600'. Establish conventional circulation, mix and pump 5 bfw spacer followed by 55 sx Class "C" cement (1.32 ft<sup>3</sup>/sx) with 2% CaCl<sub>2</sub> and displace to 4365' with 9.5 ppg plug mud. POW standing back 2000' tubing in derrick and WOC 4 hours.    **& TAG**

**Run CBL on 9 5/8" csg to Surface**

23. RIW and tag TOC. Report results to Midland office and NMOCD. Proceed to next step of procedure after Midland office and NMOCD approval.
24. Pick up 5', establish conventional circulation, and displace well with 350 bbls 9.5 ppg plug mud.

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**Yates/Base Salt Plug - 7Rivers**

25. POW laying down tubing to set EOT at 3225'. Establish conventional circulation, mix and pump 5 bfw spacer followed by 45 sx Class "C" cement (1.32 ft3/sx) and displace to +/- 3000' with 9.5 ppg plug mud. **WOC & Tag 1925' or higher**

**Top Salt / 9-5/8" DV Tool Plug**

26. POW laying down tubing to set EOT at +/- 2370'. Establish conventional circulation, mix and pump 5 bfw spacer followed by 40 sx Class "C" cement (1.32 ft3/sx) with 2% CaCl<sub>2</sub> and displace to +/- 2225' with 9.5 ppg plug mud. POW standing back tubing in derrick and WOC 4 hours.
27. RIW and tag TOC @ 2265' or higher - Report results to Midland office and NMOCD. Proceed to next step of procedure after Midland office and NMOCD approval.
28. POW and LD all tubing.

**Surface Plug**

29. RUWL and packoff. RIW and perforate squeeze holes in 5-1/2" casing at 365'. POW, LD tool string and RDWL.
30. Establish circulation out 9-5/8" x 13-3/8" annulus. Mix and pump estimated 225 sx Class "C" cement (1.32 ft3/sx). Continue mixing and pumping cement until cement is observed at surface from 9-5/8" x 13-3/8" annulus. - **WOC & Bubble test**
31. Backfill 9-5/8" casing with Class "C" cement if necessary.
32. ND BOP, RDPU, and release all rental equipment.
33. Empty steel pit, cut off mast anchors, and clean location.
34. Cut off casing 3' below ground level. Verify cement to surface on all casing strings.
35. Weld cap and dry hole marker on top of 13-3/8" casing stub. Install 1" 2000 psi ball valve on top of dry hole marker. Marker plate should contain the following information:
- Fasken Oil and Ranch, Ltd.
- Wingerd No. 10
- Section 24, T12S, R37E
- 2310' FSL & 1650' FEL
36. Remediate location as per NMOCD requirements.

**State of New Mexico**  
**Energy, Minerals and Natural Resources Department**  
**Oil Conservation Division**  
**Standard Plugging Conditions**



This document provides OCD's general plugging conditions of approval. It should be noted that the list below may not cover special plugging programs in unique and unusual cases, and OCD expressly reserves the right to impose additional requirements to the extent dictated by project conditions. The OCD also reserves the right to approve deviations from the below conditions if field conditions warrant a change. A C-103F NOI to P&A must be approved prior to plugging operations. Failure to comply with the conditions attached to a plugging approval may result in a violation of 19.15.5.11 NMAC, which may result in enforcement actions, including but not limited to penalties and a requirement that the well be re-plugged as necessary.

1. Notify OCD office at least 24 hours before beginning work and seek prior approval to implementing any changes to the C-103 NOI to PA.
  - North Contact, Monica Kuehling, 505-320-0243, [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)
  - South Contact, Gilbert Cordero, 575-626-0830, [gilbert.cordero@emnrd.nm.gov](mailto:gilbert.cordero@emnrd.nm.gov)
2. A Cement Bond Log is required to ensure strata isolation of producing formations, protection of water and correlative rights. A CBL must be run or be on file that can be used to properly evaluate the cement behind the casing.

Note: Logs must be submitted to OCD via OCD permitting. A copy of the log may be emailed to OCD inspector for faster review times, but emailing does not relieve the operators obligation to submit through OCD permitting.

3. Once Plugging operations have commenced, the rig must not rig down until the well is fully plugged without OCD approval. If gap in plugging operations exceeds 30 days, the Operator must file a subsequent sundry of work performed and revised NOI for approval on work remaining. At no time shall the rig be removed from location if it will result in waste or contamination of fresh water.
4. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
5. Fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
  - North, water or mud laden fluids
  - South, mud laden fluids
6. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to an OCD permitted disposal facility.
7. Class of cement shall be used in accordance with the below table for depth allowed.

| Class          | TVD Lower Limit (feet) |
|----------------|------------------------|
| Class A/B      | 6,000                  |
| Class I/II     | 6,000                  |
| Class C or III | 6,000                  |
| Class G and H  | 8,000                  |
| Class D        | 10,000                 |

|         |        |
|---------|--------|
| Class E | 14,000 |
| Class F | 16,000 |

8. After cutting the well head any "top off cement jobs" must remain static for 30 minutes. Any gas bubbles or flow during this 30 minutes shall be reported to the OCD for approval of next steps.
9. Trucking companies being used to haul oilfield waste fluids (Commercial or Private) to a disposal facility shall have an approved OCD 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 and 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 OCD Compliance Officer.
10. Filing a [C-103] Sub. Plugging (C-103P) will serve as notification that the well has been plugged.
11. A [C-103] Sub. Release After P&A (C-103Q) shall be filed no later than a year after plugging and a site inspection by OCD Compliance officer to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to meet OCD standards before bonding can be released.
12. Produced water or brine-based fluids **may not** be used during any part of plugging operations without **prior OCD approval**.
13. Cementing;
  - All cement plugs will be neat cement and a minimum of 100' in length. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
  - If cement does not exist between or behind the casing strings at recommended formation depths, the casing perforations will be shot at 50' below the formation top and the cement retainer shall be set no more than 50' from the perforations.
  - WOC (Wait on Cement) time will be:
    - 4 hours for accelerated (calcium chloride) cement.
    - 6 hours on regular cement.
  - Operator must tag all cement plugs unless it meets the below condition.
    - The operator has a passing pressure test for the casing annulus and the plug is only an inside plug.
  - If perforations are made operator must tag all plugs using the work string to tag unless given approval to tag with wireline by the correct contact from COA #1 of this document.
    - This includes plugs pumped underneath a cement retainer to ensure retainer seats properly after cement is pumped.
  - Cement can only be bull-headed with specific prior approval.
  - Squeeze pressures are not to exceed the exposed formations frac gradient or the burst pressure of the casing.
14. A cement plug is required to be set from 50' below to 50' above (straddling) formation tops, casing shoes, casing stubs, any attempted casing cut offs, anywhere the casing is perforated, DV tools.
  - Perforation/Formation top plug. (When there is less than 100ft between the top perforation to the formation top.) These plugs are required to be started no greater than



50ft from the top perforation. However, the plug should be set below the formation top or as close to the formation top as possible for the maximum isolation between the formations. The plug is required to be a 100ft cement plug plus excess.

- Perforation Plug when a formation top is not included. These plugs are required to be started within 50ft of the top perforation. The plug is required to be a 100ft cement plug plus excess.
- Cement caps on top of bridge plugs or cement retainers for perforation plugs, that are not straddling a formation top, may be set using a bailer with a minimum of 35' of cement in lieu of the 100' plug. The bridge plug or retainer must be set within 50ft of the perforations.
- Perforations are required below the surface casing shoe if cement does not exist behind the casing, a 30-minute minimum wait time will be required immediately after perforating to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. If gas is detected contact the OCD office for directions.

15. No more than 3000 feet is allowed between cement plugs in cased hole and no more than 2000 feet is allowed in open hole.

16. Formation Tops to be isolated with cement plugs, but not limited to are:

- Northwest See Figure A
- South (Artesia) See Figure B
- Potash See Figure C
  - In the R-111-P (Or as subsequently revised) 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 50' below the bottom and 50' above the top of the Formation.
- South (Hobbs) See Figure D1 and D2
- Areas not provided above will need to be reviewed with the OCD on a case by case basis.

17. Markers

- Dry hole marker requirements 19.15.25.10.

The operator shall mark the exact location of plugged and abandoned wells with a steel marker not less than four inches in diameter set in cement and extending at least four feet above mean ground level. The marker must include the below information:

  1. Operator name
  2. Lease name and well number
  3. API number
  4. Unit letter
  5. Section, Township and Range
- AGRICULTURE (Below grade markers)

In Agricultural areas a request can be made for a below ground marker. For a below ground marker the operator must file their request on a C-103 notice of intent, and it must include the following;

  - A) Aerial photo showing the agricultural area
  - B) Request from the landowner for the below ground marker.

C) Subsequent plugging report for a well using a below ground marker must have an updated C-102 signed by a certified surveyor for SHL.

Note: 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 OCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to OCD. OCD requires a current survey to verify the location of the below ground marker, however OCD will accept a GPS coordinate that were taken with a GPS that has an accuracy of within 15 feet.

18. If work has not commenced within 1 year of the approval of this procedure, the approval is automatically expired. After 1 year a new [C-103] NOI Plugging (C-103F) must be submitted and approved prior to work.



Figure A

North Formations to be isolated with cement plugs are:

- San Jose
- Nacimiento
- Ojo Alamo
- Kirtland
- Fruitland
- Picture Cliffs
- Chacra (if below the Chacra Line)
- Mesa Verde Group
- Mancos
- Gallup
- Basin Dakota (plugged at the top of the Graneros)
- Deeper formations will be reviewed on a case-by-case basis

Figure B

South (Artesia) Formations to be isolated with cement plugs are:

- Fusselman
- Montoya
- Devonian
- Morrow
- Strawn
- Atoka
- Permo-Penn
- Wolfcamp
- Bone Springs
- Delaware , in certain areas where the Delaware is subdivided into;
  - 1. Bell Canyon
  - 2. Cherry Canyon
  - 3. Brushy Canyon
- Any salt sections
- Abo
- Yeso
- Glorieta
- San Andres
- Greyburg
- Queen
- Yates

Figure D1 and D2

South (Hobbs) Formations to be isolated with cement plugs are:

The plugging requirements in the Hobbs Area are based on the well location within specific areas of the Area (See Figure D1). The Formations in the Hobbs Area to be isolated with cement plugs are (see Figure D2)

Figure D1 Map

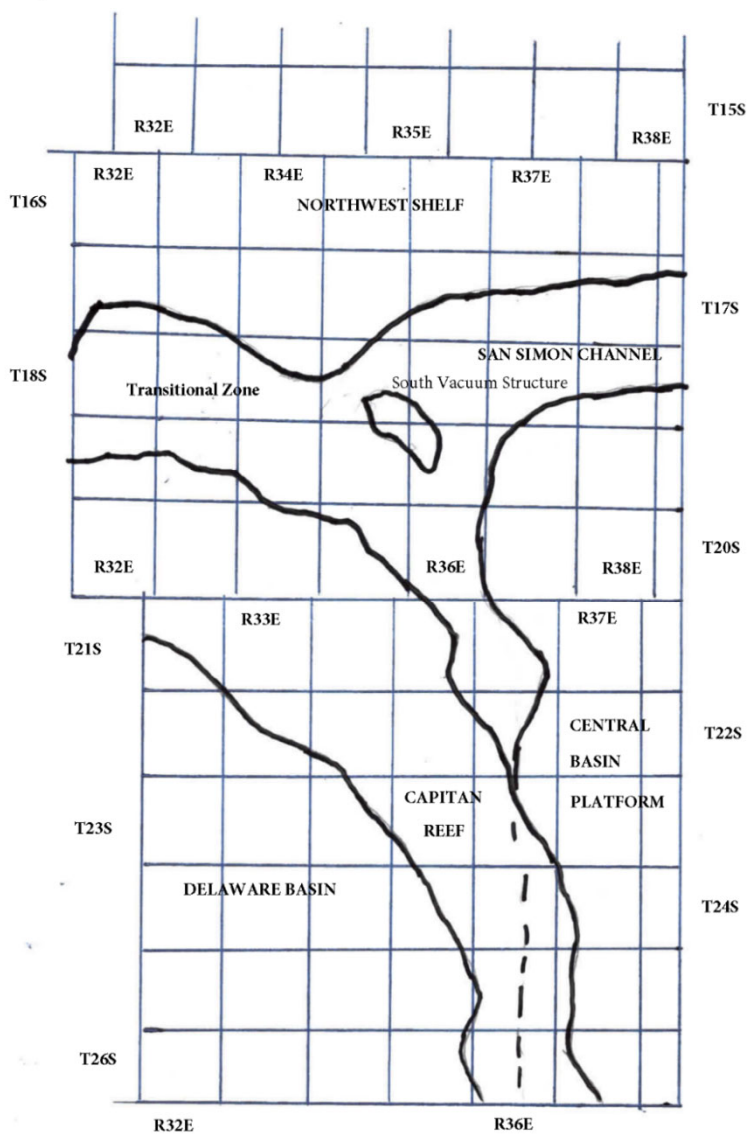


Figure D2 Formation Table

| 100' Plug to isolate upper and lower fresh water zones (typically 250' to 350')   |                      |                     |                   |                        |   |  |
|---|----------------------|---------------------|-------------------|------------------------|---|--|
| Northwest Shelf   | Captan Reef Area     | Transition Zone     | San Simon Channel | South Vacuum Structure | Delaware Basin                                    | Central Basin Platform   |
| Granit Wash (Detrital basement material and fractured pre-Cambrian basement rock) | Siluro-Devonian      | Morrow              | Siluro-Devonian   | Ellenburger            | Siluro-Devonian                                   | Granit Wash (Detrital basement material, fractured pre-Cambrian basement rock and fracture Mafic Volcanic intrusives). |
| Montoya   | Mississippian        | Atoka               | Morrow            | McKee                  | Morrow  | Ellenburger  |
| Fusselman   | Morrow               | Strawn              | Wolfcamp          | Siluro-Devonian        | Atoka   | Connell  |
| Woodford  | Atoka                | Cisco               | Abo Reef          | Woodford               | Strawn  | Waddell  |
| Siluro-Devonian   | Strawn               | Pennsylvanian       | Bone Spring       | Mississippian          | Pennsylvanian                                     | McKee  |
| Chester   | Pennsylvanian        | Wolfcamp            | Delaware          | Barnett Shale          | Lower Wolfcamp                                    | Simpson Group  |
| Austin  | Wolfcamp             | Bone Spring         | San Andres        | Morrow                 | Upper Wolfcamp                                    | Montoya  |
| Mississippian   | Abo Reef, if present | Delaware            | Queen             | Atoka                  | Wolfcamp  | Fusselman  |
| Morrow  | Abo, if present      | San Andres          | Yates             | Strawn                 | Third Bone Spring Sand (Top of Wolfbone)          | Silurian   |
| Atoka   | Queen, if present    | Grayburg-San Andres | Base of Salt      | Canyon                 | First Bone Spring Sand (Top of Lower Bone Spring) | Devonian   |
| Lower Pennsylvanian   | Bone Spring          | Queen               | Rustler           | Pennsylvanian          | Bone Spring                                       | Strawn   |
| Cisco-Canyon  | Delaware             | Seven Rivers        |                   | Blinbry                | Brushy Canyon                                     | Pennsylvanian  |
| Pennsylvanian   | Base Capitan Reef    | Yates               |                   | Bone Spring            | Delaware (Base of Salt)                           | Wolfcamp   |
| Bough   | Seven Rivers         | Base of Salt        |                   | San Andres             | Rustler   | Abo  |
| Wolfcamp  | Yates                | Rustler             |                   | Queen                  |   | Abo Reef   |
| Abo   | Top Capitan Reef     |                     |                   | Base of Salt           |   | Drinkard   |
| Abo Reef, if present  | Base of Salt         |                     |                   | Rustler                |   | Tubb   |
| Yeso (Township 15 South to Township 17 South)                                     | Rustler              |                     |                   |                        |   | Blinbry  |
| Drinkard or Lower Yeso (Township 15 South to Township 17 South)                   |                      |                     |                   |                        |   | Paddock  |
| Tubb (Township 15 South to Township 17 South)                                     |                      |                     |                   |                        |   | Glorieta   |
| Blinbry (Township 15 South to Township 17 South)                                  |                      |                     |                   |                        |   | San Andres   |
| Paddock (Township 15 South to Township 17 South)                                  |                      |                     |                   |                        |   | Grayburg   |
| Glorieta  |                      |                     |                   |                        |   | Grayburg-San Andres  |
| San Andres  |                      |                     |                   |                        |   | Queen  |
| Queen (Township 15 South to Township 17 South)                                    |                      |                     |                   |                        |   | Seven Rivers   |
| Seven Rivers (Township 15 South to Township 17 South)                             |                      |                     |                   |                        |   | Yates  |
| Yates (Township 15 South to Township 17 South)                                    |                      |                     |                   |                        |   | Base of Salt   |
| Base of Salt  |                      |                     |                   |                        |   | Rustler  |
| Rustler   |                      |                     |                   |                        |   |  |

EXHIBIT "A"  
CASE 9316  
ORDER R-111-P

CONSOLIDATED LAND **DESCRIPTION** OF THE KNOWN POTASH  
**LEASING AREA**, AS OF FEBRUARY 3, 1988

EDDY COUNTY, NEW MEXICO

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM

Section 10: SE/4 SE/4  
Section 11: S/2 SW/4  
Section 13: W/2 SW/4 and SE/4 SW/4  
Section 14: W/2 NE/4, NW/4 and S/2  
Section 15: E/2 NE/4, SE/4 SW/4 and SE/4  
Section 22: N/2, N/2 SW/4, SE/4 SW/4 and SE/4  
Section 23: All  
Section 24: N/2 NW/4, SW/4 NW/4 and NW/4 SW/4  
Section 26: NE/4, N/2 NW/4 and SE/4 NW/4  
Section 27: N/2 NE/4 and NE/4 NW/4

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM

Section 11: SE/4 SE/4  
Section 12: SE/4 NE/4 and S/2  
Section 13: All  
Section 14: NE/4, SE/4 NW/4 and S/2  
Section 15: SE/4 SE/4  
Section 22: NE/4, E/2 W/2 and SE/4  
Section 23: All  
Section 24: All  
Section 25: NW/4 NW/4  
Section 26: N/2 NE/4 AND NW/4  
Section 27: NE/4 AND E/2 NW/4

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM

Section 2: SW/4  
Section 3: W/2 SW/4, SE/4 SW/4, S/2 SE/4 and  
NE/4 SE/4  
Section 4: Lots 3 and 4. SW/4 NE/4, S/2 NW/4  
and S/2  
Section 5: Lots 1, 2. and 3, S/2 NE/4,  
S/2 NW/4 and S/2  
Section 6: S/2 SE/4 and NE/4 SE/4  
Sections 7 to 10 inclusive  
Section 11: S/2 NE/4, NW/4 NW/4 and S/2  
Section 12: NE/4, S/2 NW/4 and S/2  
Section 13: NE/4, W/2, N/2 SE/4 and SW/4 SE/4  
Sections 14 to 18 inclusive  
Section 19: Lots 1, 2, and 3, NE/4, E/2 NW/4,  
NE/4 SW/4, E/2 SE/4 and  
NW/4 SE/4  
Sections 20 to 23 inclusive

Section 24: NW/4. NW/4 SW/4 and S/2 SW/4

Section 25: NW/4 NW/4  
 Section 26: NE/4 NE/4, W/2 NE/4, W/2, W/2 SE/4  
 and SE/4 SE/4  
 Section 27: All  
 Section 28: All  
 Section 29: E/2, E/2 NW/4 and NW/4 NW/4  
 Section 32: E/2 and SE/4 SW/4  
 Section 33 to 35 inclusive  
 Section 36: NW/4 NW/4, S/2 NW/4 and S/2

**TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM**

Section 7: Lots 1, 2, and 3 and E/2 NW/4  
 Section 18: Lots 1, 2, and 3 and SW/4 NE/4,  
 E/2 NW/4 and NE/4 SW/4  
 Section 31: Lot 4  
 Section 34: SE/4 SE/4  
 Section 35: S/2 SW/4 and SW/4 SE/4  
 Section 36: S/2 SE/4

**LEA COUNTY, NEW MEXICO**

**TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM**

Section 31: Lot 4  
 Section 33: Lots 1 to 4 inclusive and N/2 S/2  
 Section 34: Lots 1 to 4 inclusive and N/2 S/2  
 Section 35: Lots 1 to 4 inclusive and N/2 S/2  
 Section 36: Lots 1 to 4 inclusive, SE/4 NE/4,  
 NW/4 SW/4 and NE/4 SE/4

**TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM**

Section 22: SE/4 NE/4, E/2 SW/4 and SE/4  
 Section 23: S/2 NW/4, SW/4, W/2 SE/4 and  
 SE/4 SE/4  
 Section 25: SW/4 NW/4, W/2 SW/4 and SE/4 SW/4  
 Section 26: All  
 Section 27: All  
 Section 28: S/2 SE/4 and NE/4 SE/4  
 Section 30: Lots 2 to 4 inclusive, S/2 NE/4,  
 SE/4 NW/4, E/2 SW/4 and SE/4  
 Section 31: All  
 Section 32: NE/4, S/2 NW/4 and S/2  
 Sections 33 to 35 inclusive  
 Section 36: W/2 NE/4, SE/4 NE/4, NW/4 and S/2

**TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM**

Section 31: Lots 3 and 4



## EDDY COUNTY, NEW MEXICO

**TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM**

Section 1: SE/4 NE/4 and E/2 SE/4  
 Section 13: SW/4 NW/4, W/2 SW/4 AND SE/4 SW/4  
 Section 14: NW/4 NE/4, S/2 NE/4, NW/4 and S/2  
 Section 15: E/2 E/2, SE/4 SW/4 and W/2 SE/4  
 Section 22: E/2 and E/2 NW/4  
 Section 23: All  
 Section 24: SW/4 NE/4, W/2, W/2 SE/4  
                     and SE/4 SE/4  
 Section 25: N/2, SW/4, W/2 SE/4 and NE/4 SE/4  
 Section 26: All  
 Section 27: E/2  
 Section 34: NE/4  
 Section 35: N/2  
 Section 36: W/2 NE/4 AND NW/4

**TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM**

Sections 1 to 4 inclusive  
 Section 5: Lots 1 to 3 inclusive, S/2 N/2  
                     and S/2  
 Section 6 Lots 5, 6, and 7, S/2 NE/4, E/2 SW/4  
                     and SE/4  
 Section 7 Lots 1 and 2. E/2 and E/2 NW/4  
 Sections 8 to 17 inclusive  
 Section 18 E/2  
 Section 19 E/2 and SE/4 SW/4  
 Sections 20 to 29 inclusive  
 Section 30: Lots 1 to 3 inclusive, E/2 and  
                     E/2 W/2  
 Section 31 E/4 and E/2 SE/4  
 Sections 32 to 35 inclusive

**TOWNSHIP 20 SOUTH, RANGE 31 EAST, NMPM**

Section 1 Lots 1 to 3 inclusive, S/2 N/2  
                     and S/2  
 Section 2: All  
 Section 3: Lots 1 and 2, S/2 NE/4 and SE/4  
 Section 6: Lots 4 to 7 inclusive, SE/4 NW/4,  
                     E/2 SW/4, W/2 SE/4 and  
                     SE/4 SE/4  
 Section 7: All  
 Section 8: S/2 N/2 and S/2  
 Section 9: S/2 NW/4, SW/4, W/2 SE/4 and SE/4 SE/4  
 Section 10: E/2 and SW/4  
 Section 11 to 36 inclusive

LEA COUNTY, NEW MEXICO

**TOWNSHIP 20 SOUTH, RANGE 32 EAST, NMPM**

Sections 1 to 4 inclusive

Section 5: S/2 SE/4

Section 6: Lots 4 to 7 inclusive, SE/4 NW/4,  
E/2 SW/4 and SW/4 SE/4

Sections 7 to 36 inclusive

**TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM**

Sections 1 to 36 inclusive

**TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM**

Section 6: Lots 3 to 7 inclusive, SE/4 NE/4,  
E/2SW/4, W/2 SE/4 AND  
SE/4 SE/4

Section 7: All

Section 8: SW/4, S/2 NW/4, W/2 SE/4 and  
SE/4 SE/4

Section 16: W/2 NW/4, SE/4 NW/4, SW/4 and  
S/2 SE/4

Sections 17 to 21 inclusive

**Section 22:** N/2 NW/4, SW/4 NW/4, W/2 SE/4,  
and SE/4 SE/4

Section 26: SW/4, W/2 SE/4 and SE/4 SE/4

Sections 27 to 35 inclusive

Section 36: SW/4 NW/4 and W/2 SW/4

EDDY COUNTY, NEW MEXICO

**TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM**

Sections 1 to 3 inclusive

Section 4: Lots 1 through 16, NE/4 SW/4 and  
SE/4

Section 5: Lot 1

Section 10: N/2 NE/4, SE/4 NE/4 and SE/4 SE/4

Sections 11 to 14 inclusive

**Section 15:** E/2 NE/4 and NE/4 SE/4

Section 23: N/2 NE/4

Section 24: E/2, N/2NW/4 and SE/4NW/4

Section 25: NE/4 NE/4 and S/2 SE/4

Section 35: Lots 2 to 4 inclusive, S/2 NE/4,  
NE/4 SW/4 and N/2 SE/4

Section 36: Lots 1 to 4 inclusive, NE/4,  
E/2 NW/4 AND N/2 S/2

**TOWNSHIP 21 SOUTH, RANGE 30 EAST, NMPM**

Sections 1 to 36 inclusive

**TOWNSHIP 21 SOUTH, RANGE 31 EAST, NMPM**  
Sections 1 to 36 inclusive**LEA COUNTY, NEW MEXICO****TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM**

Sections 1 to 27 inclusive

Section 28: N/2 and N/2 S/2

Sections 29 to 31 inclusive

**Section 32:** NW/4 NE/4, NW/4 and NW/4 SW/4

Section 34: N/2 NE/4

Section 35: N/2 N/2

Section 36: E/2, N/2 NW/4, SE/4 NW/4 and  
NE/4 SW/4**TOWNSHIP 21 SOUTH, RANGE 33 EAST, NMPM**Section 1: Lots 2 to 7 inclusive, Lots 10  
to 14 inclusive, N/2 SW/4 and  
SW/4 SW/4

Sections 2 to 11 inclusive

**Section 12:** NW/4 NW/4 and SW/4 SW/4

Section 13: N/2 NW/4, S/2 N/2 and S/2

Sections 14 to 24 inclusive

Section 25: N/2. SW/4 and W/2 SE/4

Sections 26 to 30 inclusive

Section 31: Lots 1 to 4 inclusive, NE/4,  
E/2 W/2, N/2 SE/4 and  
SW/4 SE/4

Section 32: N/2 and NW/4 SW/4

Section 33: N/2

Section 34: NE/4, N/2 NW/4 and E/2 SE/4

**Section 35:** All

Section 36: W/2 NE/4, NW/4 and S/2

**TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM****Section 17:** W/2**Section 18:** AllSection 19: Lots 1 to 4 inclusive, NE/4,  
E/2 W/2, N/2 SE/4 and  
SW/4 SE/4**Section 20:** NW/4 NW/4

Section 30: Lots 1 and 2 and NE/4 NW/4

Section 31: Lots 3 and 4

**EDDY COUNTY, NEW MEXICO****TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM**

Section 36: E/2 E/2

**TOWNSHIP 22 SOUTH, RANGE 29 EAST, NMPM**

Sections 1 and 2 inclusive  
Section 3 SE/4 SW/4 and SE/4  
Section 9 S/2 NE/4 and S/2  
Sections 10 to 16 inclusive  
Section 17 S/2 SE/4  
Section 19 SE/4 NE/4 and E/2 SE/4  
Sections 20 to 28 inclusive  
Section 29 N/2 N/2, S/2 NE/4 and SE/4  
Section 30 NE/4 NE/4  
Section 31 Lots 1 to 4 inclusive, S/2 NE/4,  
E/2 W/2 and SE/4  
Sections 32 to 36 inclusive

**TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM**

Sections 1 to 36 inclusive

**TOWNSHIP 22 SOUTH, RANGE 31 EAST, NMPM**

Sections 1 to 11 inclusive  
Section 12: NW/4 NE/4, NW/4 and NW/4 SW/4  
Section 13: S/2 NW/4 and SW/4  
Sections 14 through 23 inclusive  
Section 24: W/2  
Section 25: NW/4  
Section 26: NE/4 AND N/2 NW/4  
Sections 27 to 34 inclusive

**LEA COUNTY, NEW MEXICO**

**TOWNSHIP 22 SOUTH, RANGE 32 EAST, NMPM**

Section 1: Lot 1  
Section 6: Lots 2 to 7 inclusive and SE/4 NW/4

**TOWNSHIP 22 SOUTH, RANGE 33 EAST NMPM**

Section 1: Lots 1 to 4 inclusive, S/2 N/2 and  
N/2 S/2

Section 2: All  
Section 3: Lot 1, SE/4 NE/4 and SE/4  
Section 6: Lot 4  
Section 10: NE/4  
Section 11: NW/4 NE/4 AND NW/4

**TOWNSHIP 22 SOUTH, RANGE 34 EAST NMPM**

Section 6: Lots 4 to 6 inclusive

## EDDY COUNTY, NEW MEXICO

**TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM**

Section 1: Lot 1

**TOWNSHIP 23 SOUTH, RANGE 29 EAST, NMPM**

Sections 1 to 5 inclusive

**Section 6:** Lots 1 to 6 inclusive, S/2 NE/4,  
SE/4 NW/4, E/2 SW/4 and SE/4

Section 7: NE/4 and NE/4 NW/4

**Section 8:** N/2, N/2 SW/4, SE/4 SW/4 and SE/4

Sections 9 to 16 inclusive

Section 17: NE/4 and E/2 SE/4

Sections 21 to 23 inclusive

Section 24: N/2, SW/4 and N/2 SE/4

Section 25: W/2 NW/4 and NW/4 SW/4

Section 26: All

Section 27: All

Section 28: N/2, N/2 SW/4, SE/4 SW/4 and SE/4

Section 33: N/2 NE/4 and NE/4 NW/4

Section 34: NE/4, E/2 NW/4, NW/4 NW/4,  
NE/4 SW/4 and SE/4

Section 35: All

Section 36: W/2 NE/4, NW/4 and N/2 SW/4

**TOWNSHIP 23 SOUTH, RANGE 30 EAST, NMPM**

Sections 1 to 18 inclusive

Section 19: N/2, N/2 SW/4, SE/4 SW/4 and SE/4

Section 20: All

Section 21: All

Section 22: N/2, S/2 SW/4, N/2 S/2 and SE/4 SE/4

Sections 23 to 25 inclusive

Section 26: E/2, SE/4 NW/4 and SW/4

Section 27: N/2 NW/4, SW/4 NW/4, SE/4 SW/4,  
S/2 SE/4 and NE/4 SE/4

Section 28: N/2 and SW/4 Section 29 N/2 and SE/4

Section 30: N/2 NE/4

Section 32: N/2 NE/4

Section 33: SE/4 NE/4, N/2 NW/4, NE/4 SE/4  
and S/2 SE/4

Sections 34 to 36 inclusive

**TOWNSHIP 23 SOUTH, RANGE 31 EAST, NMPM****Section 2:** Lot 4, SW/4 NW/4 and W/2 SE/4

Sections 3 to 7 inclusive

Section 8: NE/4 NE/4, W/2 NE/4 and W/2

**Section 9:** N/2 N/2

Section 10: NW/4 NW/4 and SE/4 SE/4

Section 11: S/2 NE/4, S/2 SW/4 and SE/4

**Section 12:** SW/4 NW/4 and SW/4  
**Section 13:** SW/4 **NE/4**, W/2 and W/2 SE/4  
**Section 14:** All  
**Section 15:** E/2, SE/4 NW/4 and **SW/4**  
**Section 16:** SW/4 and S/2 SE/4  
**Section 17:** NW/4 and S/2  
**Sections 18 to 23 inclusive**  
**Section 24:** W/2 NE/4 and W/2  
**Section 25:** W/2 NE/4, NW/4, N/2 SW/4 and  
NW/4 SE/4  
**Section 26 to 34 inclusive**  
**Section 35:** N/2 NW/4 and SW/4 NW/4

**TOWNSHIP 24 SOUTH, RANGE 29 EAST, NMPM**

**Section 2:** Lots 2 to 4 inclusive  
**Section 3:** Lot 1

**TOWNSHIP 24 SOUTH, RANGE 30 EAST, NMPM**

**Section 1:** Lots 1 to 4 inclusive, S/2 N/2,  
SW/4 and NW/4 SE/4  
**Section 2:** All  
**Section 3:** All  
**Section 4:** Lots 1 and 2, S/2 NE/4, SE/4 NW/4,  
SW/4 SW/4, E/2 SW/4 and SE/4  
**Section 9:** N/2, N/2 SW/4, SE/4 SW/4 and SE/4  
**Section 10:** All  
**Section 11:** All  
**Section 12:** W/2 NW/4 and NW/4 SW/4  
**Section 14:** W/2 NE/4 and **NW/4**  
**Section 15:** NE/4 and N/2 NW/4

**TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM**

**Section 3:** Lots 2 to 4 inclusive, SW/4 NE/4,  
S/2 NW/4, SW/4 and W/2 SE/4  
**Section 4:** All  
**Section 5:** Lots 1 to 4 inclusive, S/2 N/2,  
N/2 S/2 and SE/4 SE/4  
**Section 6:** Lots 1 to 6 inclusive, S/2 NE/4,  
SE/4 NW/4, NE/4 SW/4 and  
N/2 SE/4  
**Section 9:** E/2 and NW/4  
**Section 10:** W/2 NE/4 and W/2  
**Section 35:** Lots 1 to 4 inclusive, S/2 N/2 and  
N/2 S/2  
**Section 36:** Lots 1 and 2, SW/4 NW/4 and N/2 SW/4

**TOWNSHIP 25 SOUTH, RANGE 31 EAST, NMPM**

**Section 1:** Lots 3 and 4 and S/2 NW/4  
**Section 2:** Lots 1 to 4 inclusive and S/2 N/2

Well Name: **Wingerd #10**Operator: **Fasken Oil and Ranch, Ltd.**Location: 2310' FSL & 1650' FEL  
Sec 24, T12S, R37E  
Lea County, NM

Compl.: 4/17/54

API #: 30-025-05043

IP: pump 210 BO + 0 BW + 51 MCFD in 24 hrs

TD: 12,016'

PBTD: 11,730' (retainer at 11,792')

Casing: **13-3/8" F-25 casing set at 315'**

Cmt w/ 225 sx 8% gel + 100 sx neat. TOC surface, circ 50 sx

**9-5/8" J-55, H-40, N-80 36#, 40# casing set at @ 4493'. DV tool at 2275'**

cmt 1st stage w/ 440 sx 8% gel + 100 sx neat

cmt 2nd stage w/ 150 sx neat

TOC 1840' (estimated)

**5-1/2" N-80 (likely 17#) casing set at 12,015'**

Cmt w/ 640 sx 4% gel w/ 640 ft3 perlite

TOC 8450' FS per CBL ran 4/14/2000

Perfs: 11,630' - 11,641'

11,641' - 11,681'

11,700' - 11,760'

11,766' - 11,788'

11,800' - 11,828' squeezed

11,854' - 11,872' squeezed

11,874' - 11,877' squeezed

11,904' - 11,927' squeezed

11,939' - 11,953' squeezed

**Tubing Detail:**

|   |          |
|---|----------|
| (1) jt 2-7/8" EUE 8rd N-80 tbg w/ BP on btm | 32.52    |
| (1) 2-7/8" x 4' perf sub                    | 4.10     |
| (1) 2-3/8" Mechanical SN w/ 1" x 20' GA     | 0.75     |
| (1) jt 2-7/8" EUE 8rd L-80 1850 IPC         | 32.51    |
| (6) jts 2-7/8" 6.5# EUE 8rd L-80            | 196.68   |
| (1) 2-7/8" x 5-1/2" TAC w/ 40k shear        | 3.25     |
| (185) jts 2-7/8" 6.5# EUE 8rd L80           | 6049.26  |
| (165) jts 2-7/8" 6.5# EUE 8rd L-80          | 5319.10  |
| Sub total                                   | 11638.17 |
| Below KB                                    | 10.00    |
| Tubing stretch                              | 5.00     |
| EOT @                                       | 11653.17 |

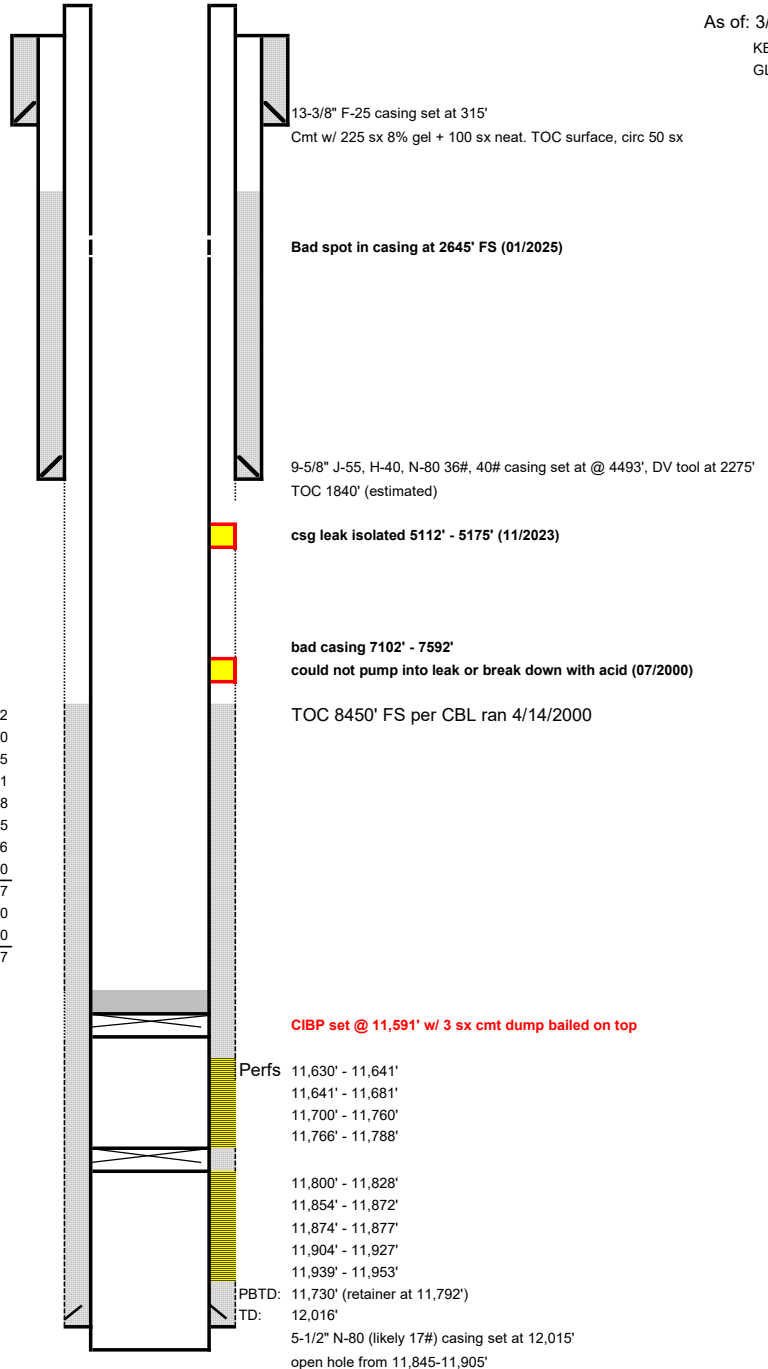
**Hole Sizes:**

|         |                 |
|---------|-----------------|
| 17-1/2" | surface - 315'  |
| 12-1/4" | 315' - 4500'    |
| 8-3/4"  | 4500' - 12,016' |

As of: 3/15/25

KB: 3887'

GL: 3878'



12/2023- csg inspection log showed holes/bad csg at 5256', 5384', 6112', 7092', 7187', 7249', 7572'

swabbed 7004' - RBP @ 10,500'. 2120' fluid entry in 14 hrs

swabbed 4001' - RBP @ 7000'. 1700' fluid entry in 1 hr

Decision made to run AS-1X packer and pump under packer due to casing in bad shape

01/2025- pulled well for parted rods. Observed packer stuck. Cut above packer and POW with tubing

Observed tight spot in casing at 2645'. Swaged out tight spot and reciprocated string mill prior to RIW with fishing tools

Fished out packer with light drag through tight spot. Set CIBP @ 11,591'. Dump bailed 3 sx cmt on top



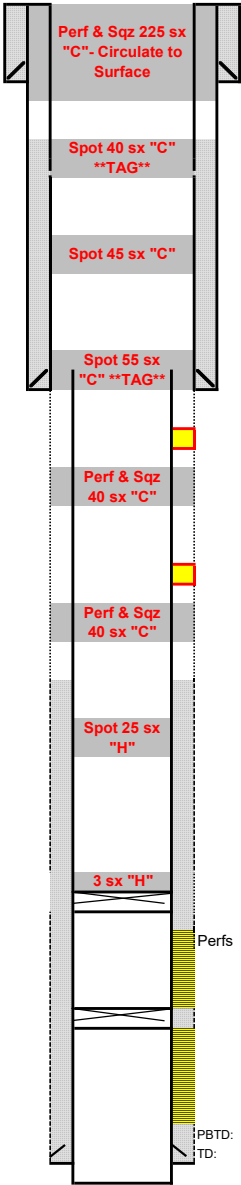
Well Name: **Wingerd #10**  
Operator: **Fasken Oil and Ranch, Ltd.**  
Location: 2310' FSL & 1650' FEL  
Sec 24, T12S, R37E  
Lea County, NM

Compl.: 4/17/54  
API #: 30-025-05043  
IP: pump 210 BO + 0 BW + 51 MCFD in 24 hrs  
TD: 12,016'  
PBDT: 11,730' (retainer at 11,792')  
Casing: **13-3/8" F-25 casing set at 315'**

Cmt w/ 225 sx 8% gel + 100 sx neat. TOC surface, circ 50 sx  
**9-5/8" J-55, H-40, N-80 36#, 40# casing set at @ 4493', DV tool at 2275'**  
cmt 1st stage w/ 440 sx 8% gel + 100 sx neat  
cmt 2nd stage w/ 150 sx neat  
TOC 1840' (estimated)  
**5-1/2" N-80 (likely 17#) casing set at 12,015'**  
Cmt w/ 640 sx 4% gel w/ 640 ft3 perlite  
TOC 8450' FS per CBL ran 4/14/2000

Perfs: 11,630' - 11,641'  
11,641' - 11,681'  
11,700' - 11,760'  
11,766' - 11,788'  
11,800' - 11,828' squeezed  
11,854' - 11,872' squeezed  
11,874' - 11,877' squeezed  
11,904' - 11,927' squeezed  
11,939' - 11,953' squeezed

Hole Sizes:  
17-1/2" surface - 315'  
12-1/4" 315' - 4500'  
8-3/4" 4500' - 12,016'



**Perf & Sqz 225 sx "C" from 365' up to surface \*\*circulate cement\*\***  
13-3/8" F-25 casing set at 315'  
Cmt w/ 225 sx 8% gel + 100 sx neat. TOC surface, circ 50 sx

**Spot 40 sx "C" from 2325' up to +/- 2225' \*\*TAG\*\* (Top Salt + 9-5/8" DV Tool Plug)**  
**Bad spot in 5-1/2" casing at 2645' FS (01/2025)**

**Spot 45 sx "C" from 3100' up to +/- 3000' (Yates + Base Salt plug)**

**Spot 55 sx "C" from 4600' up to +/- 4430' (Intermediate Shoe, Casing Cutoff Plug)**  
**CUT 5-1/2" CASING AT +/- 4550' (WILL DEPEND ON FREE POINT)**  
9-5/8" J-55, H-40, N-80 36#, 40# casing set at @ 4493', DV tool at 2275'  
TOC 1840' (estimated)  
**csg leak isolated 5112' - 5175' (11/2023)**

**Perf & Sqz 40 sx "C" from 5890' up to +/- 5790' (Glorietta plug)**

**bad casing 7102' - 7592'**  
**could not pump into leak or break down with acid (07/2000)**

**Perf & Sqz 40 sx "C" from 7825' up to 7725' (Abo plug)**

TOC 8450' FS per CBL ran 4/14/2000

**Spot 25 sx "H" from 9070' up to +/- 8970' (Wolfcamp plug)**

**CIBP set @ 11,591' w/ 3 sx cmt dump bailed on top**

Perfs 11,630' - 11,641'  
11,641' - 11,681'  
11,700' - 11,760'  
11,766' - 11,788'  
  
11,800' - 11,828'  
11,854' - 11,872'  
11,874' - 11,877'  
11,904' - 11,927'  
11,939' - 11,953'  
  
PBDT: 11,730' (retainer at 11,792')  
TD: 12,016'  
5-1/2" N-80 (likely 17#) casing set at 12,015'  
open hole from 11,845-11,905'

12/2023- csg inspection log showed holes/bad csg at 5256', 5384', 6112', 7092', 7187', 7249', 7572'  
swabbed 7004' - RBP @ 10,500'. 2120' fluid entry in 14 hrs  
swabbed 4001' - RBP @ 7000'. 1700' fluid entry in 1 hr  
Decision made to run AS-1X packer and pump under packer due to casing in bad shape

01/2025- pulled well for parted rods. Observed packer stuck. Cut above packer and POW with tubing  
Observed tight spot in casing at 2645'. Swaged out tight spot and reciprocated string mill prior to RIW with fishing tools  
Fished out packer with light drag through tight spot. Set CIBP @ 11,591'. Dump bailed 3 sx cmt on top

As of: 5/29/25  
KB: 3887'  
GL: 3878'

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 471165

CONDITIONS

|  |   |
|--|---|
| Operator:<br>FASKEN OIL & RANCH LTD<br>6101 Holiday Hill Rd<br>Midland, TX 79707 | OGRID:<br>151416                                    |
|  | Action Number:<br>471165                            |
|  | Action Type:<br>[C-103] NOI Plug & Abandon (C-103F) |

CONDITIONS

| Created By | Condition   | Condition Date |
|------------|---|----------------|
| gcordero   | A Cement Bond Log (CBL) for 5 1/2" casing is required to be submitted to electronic permitting. | 6/5/2025       |
| gcordero   | A Cement Bond Log (CBL) for 9 5/8" casing is required to be submitted to electronic permitting. | 6/5/2025       |
| gcordero   | A Casing Inspection Log run 12/23 is required to be submitted to electronic permitting.         | 6/5/2025       |
| gcordero   | Submit Cement Bond Logs (CBL) prior to submittal of C-103P.                                     | 6/5/2025       |
| gcordero   | Adhere to current Plug & Abandon (P&A) Conditions Of Approvals (COA).                           | 6/5/2025       |