

Santa Fe Main Office  
Phone: (505) 476-3441  
General Information  
Phone: (505) 629-6116

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

WELL API NO. 30-025-45222
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Outland State Unit 11-2 1BS
8. Well Number #001H
9. OGRID Number 331165
10. Pool name or Wildcat Gramma Ridge; Bone Spring, North

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.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
Earthstone Operating, LLC

3. Address of Operator  
300N. Marienfeld St, Ste 1000, Midland, TX 79701

4. Well Location  
Unit Letter O : 225 feet from the South line and 1630 feet from the East line  
Section 11 Township 21S Range 34E NMPM Eddy County

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

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

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK
- TEMPORARILY ABANDON
- PULL OR ALTER CASING
- DOWNHOLE COMMINGLE
- CLOSED-LOOP SYSTEM
- OTHER:
- PLUG AND ABANDON
- CHANGE PLANS
- MULTIPLE COMPL

SUBSEQUENT REPORT OF:

- REMEDIAL WORK
- COMMENCE DRILLING OPNS.
- CASING/CEMENT JOB
- OTHER:
- ALTERING CASING
- P AND A

Notify OCD 24 hrs. prior to any work done, gilbert.cordero@emnrd.nm.gov so a SG may be assigned.

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.

Earthstone Operating, LLC respectfully requests approval of the PA NOI for the Outland State Unit 11-2 1BS #001H. JMR Services prepared the attached PA procedure, and WBDs on behalf of Earthstone Operating, LLC.

Notify NMOC 24 hrs prior to any work done. Gilbert.cordero@emnrd.nm.gov.

Attachments:

- PA Procedure
- Current WBD
- Proposed WBD

Spud Date:  Rig Release Date:

\*\*\*SEE ATTACHED COA's\*\*\* MUST BE PLUGGED BY 3/1/27

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

SIGNATURE Jessica Dooling TITLE Regulatory Specialist DATE 3/5/2026

Type or print name Jessica Dooling E-mail address: jessica.dooling@permianres.com PHONE: 432-999-3072

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Supervisor DATE 3/20/26  
Conditions of Approval (if any):

**Proposed P&A Procedure**  
**Outland State Unit 11-2 1BS 1H**  
**API 30-025-45222**

**APPROVED**  
**GC 3/20/26**

**Note:** All Cement is Class C mixed at 14.8 ppg, yield 1.32 cu ft / sx. If WOC is required then we will use 2% Calcium Chloride in order to reduce the wait time to 4 hrs, Cement volumes are based on inside capacities + 50' excess and outside 100% excess in open hole.

1. Hold Pre job meeting, comply with all NMOCD, BLM and environmental regulations.
2. MIRU P&A rig and equipment.
3. Check and record tubing, casing and bradenhead pressures.
4. Remove existing piping from casing valve, RU blow lines from casing valves and blow down casing pressure. Kill well as necessary. Ensure that well is dead or on a vacuum.
5. ND WH, NU BOP, function test BOP.
6. RIH 5.5" CICR and set at 8400'. Pressure test casing to 500#/30min. If casing does not test, then discuss with Regulatory for procedure change.
7. If casing tested and RU wireline truck. Run CBL with zero psi, keep hole loaded & log to surface. **NOTE:** Results of CBL may change the following plugs. Electronic copy of CBL to be sent to NMOCD. **NOTE:** records show cement circulated to surface on all strings.
8. RIH with tubing workstring and sting into CICR; pressure test to 1000#.

Note: any plug requiring a WOC & Tag we will use 2% CaCl added to the cement slurry to decrease wait time to 4 hrs.

9. Plug 1: Grama Ridge/9.625" casing shoe/ Bone Spring formations: With CICR @ 8400', Mix and pump 54 sxs (Class H, 16ppg, & 1.06 cu ft/sx yield) cement; squeeze 27 sxs below CR and leave 27 sxs above CR to isolate the Bone Spring top. If casing tested then PUH to Plug #2. If casing did not test then WOC and tag. If cement fell back then contact Regulatory for procedure change.
10. Plug #2: 13.375" casing shoe / Delaware sand top: Spot balanced plug 48 sxs Class C cement inside casing from 5819' – 5345'. If casing did not test then WOC and tag. If cement fell back then contact Regulatory for procedure change.
11. Plug #3: Capitan Reef / Yates tops: Spot balanced plug 58 sxs Class C cement inside casing from 3565' –4145'. If casing did not test, then WOC and tag. If cement fell back, then contact Regulatory for procedure change.
12. Plug #4: T/Salt and Rustler tops: Spot balanced plug 48 sxs Class C cement inside casing from 2050' – 1575'. If casing did not test, then WOC and tag. If cement fell back, then contact Regulatory for procedure change.
13. Plug #5: Surface plug: Circulate 10 sxs Class C cement inside casing from 100' to surface. SI well and WOC.
14. RD cementing equipment. Cut off wellhead, fill any exposed annulus with cement, as necessary. Install above ground P&A marker.
15. Record GPS coordinates for P&A marker and the Final P&A Report. Photograph the P&A marker and attach to the report.
16. RD and MO all rig and cement equipment. Ensure that location is free of trash before moving off.

**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,
  - 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

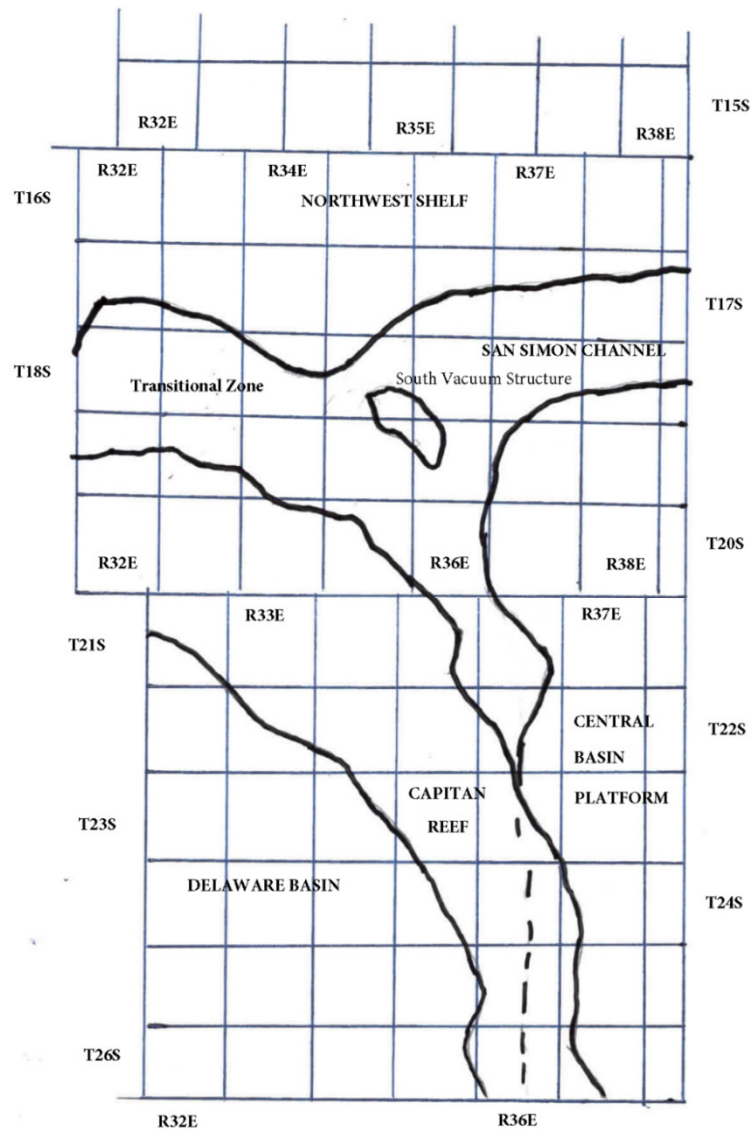


Figure D2 Formation Table

100' Plug to isolate upper and lower fresh water zones (typically 250' to 350')						
Northwest Shelf	Capitan 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		Blinebry	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					Blinebry
Drinkard or Lower Yeso (Township 15 South to Township 17 South)						Paddock
Tubb (Township 15 South to Township 17 South)						Glorieta
Blinebry (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: A11
- Section 28: A11
- 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 NEW/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: All**
- Section 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

**Proposed P&A Procedure  
Outland State Unit 11-2 1BS 1H  
API 30-025-45222**

**Note:** All Cement is Class C mixed at 14.8 ppg, yield 1.32 cu ft / sx. If WOC is required then we will use 2% Calcium Chloride in order to reduce the wait time to 4 hrs, Cement volumes are based on inside capacities + 50' excess and outside 100% excess in open hole.

1. Hold Pre job meeting, comply with all NMOCD, BLM and environmental regulations.
2. MIRU P&A rig and equipment.
3. Check and record tubing, casing and bradenhead pressures.
4. Remove existing piping from casing valve, RU blow lines from casing valves and blow down casing pressure. Kill well as necessary. Ensure that well is dead or on a vacuum.
5. ND WH, NU BOP, function test BOP.
6. RIH 5.5" CICR and set at 8400'. Pressure test casing to 500#. If casing does not test, then discuss with Regulatory for procedure change.
7. If casing tested and RU wireline truck. Run CBL to log TOC to surface. **NOTE:** Results of CBL may change the following plugs. Electronic copy of CBL to be sent to NMOCD. **NOTE:** records show cement circulated to surface on all strings.
8. RIH with tubing workstring and sting into CICR; pressure test to 1000#.

Note: any plug requiring a WOC & Tag we will use 2% CaCl added to the cement slurry to decrease wait time to 4 hrs.

9. Plug 1: Grama Ridge/9.625" casing shoe/ Bone Spring formations: With CICR @ 8400', Mix and pump 44 sxs (Class H, 16ppg, & 1.06 cu ft/sx yield) cement; squeeze 27 sxs below CR and leave 27 sxs above CR to isolate the Bone Spring top. If casing tested then PUH to Plug #2. If casing did not test then WOC and tag. If cement fell back then contact Regulatory for procedure change.
10. Plug #2: 13.375" casing shoe / Delaware sand top: Spot balanced plug 48 sxs Class C cement inside casing from 5819' – 5345'. If casing did not test then WOC and tag. If cement fell back then contact Regulatory for procedure change.
11. Plug #3: Capitan Reef / Yates tops: Spot balanced plug 58 sxs Class C cement inside casing from 3565' – 4145'. If casing did not test, then WOC and tag. If cement fell back, then contact Regulatory for procedure change.
12. Plug #4: T/Salt and Rustler tops: Spot balanced plug 48 sxs Class C cement inside casing from 2050' – 1575'. If casing did not test, then WOC and tag. If cement fell back, then contact Regulatory for procedure change.
13. Plug #5: Surface plug: Circulate 10 sxs Class C cement inside casing from 100' to surface. SI well and WOC.
14. RD cementing equipment. Cut off wellhead, fill any exposed annulus with cement, as necessary. Install above ground P&A marker.
15. Record GPS coordinates for P&A marker and the Final P&A Report. Photograph the P&A marker and attach to the report.
16. RD and MO all rig and cement equipment. Ensure that location is free of trash before moving off.
17. Send all reports and attachments will be uploaded to NMOCD website within 30 days of completion.

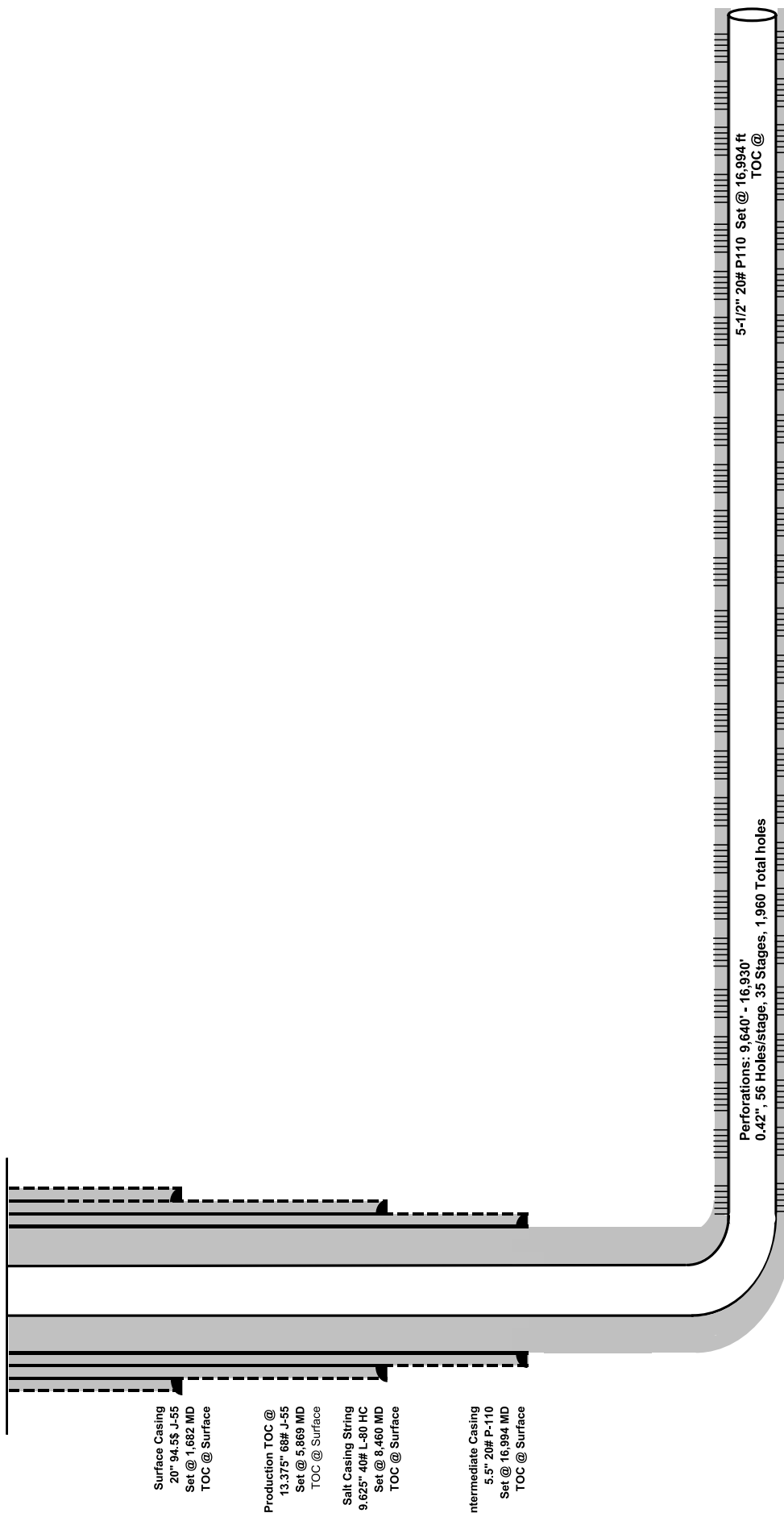
Current Wellbore Diagram

Outland State unit 11-2 1BS #001H

Current Completion



WELL NAME	Outland State Unit 11 2 1BS 001H		FORMATION	MAKALOTTAOIL
SURFACE LOCATION	225 FSL & 1630 FEL		API Number	30-025-45222
SURFACE LOCATION	N	LATITUDE	E	
BOTTOM-HOLE LOCATION	N	LATITUDE	LONGITUDE	-103.43737
ELEVATION	GL X.XXX	COUNTY	Lea	
	KB / RKB 25' / 3.XXX'	STATE	NEW MEXICO	
			TVD/TMD	9,607 / 16,990
			FIELD	Grana Ridge, Bone Spring, North (28434)

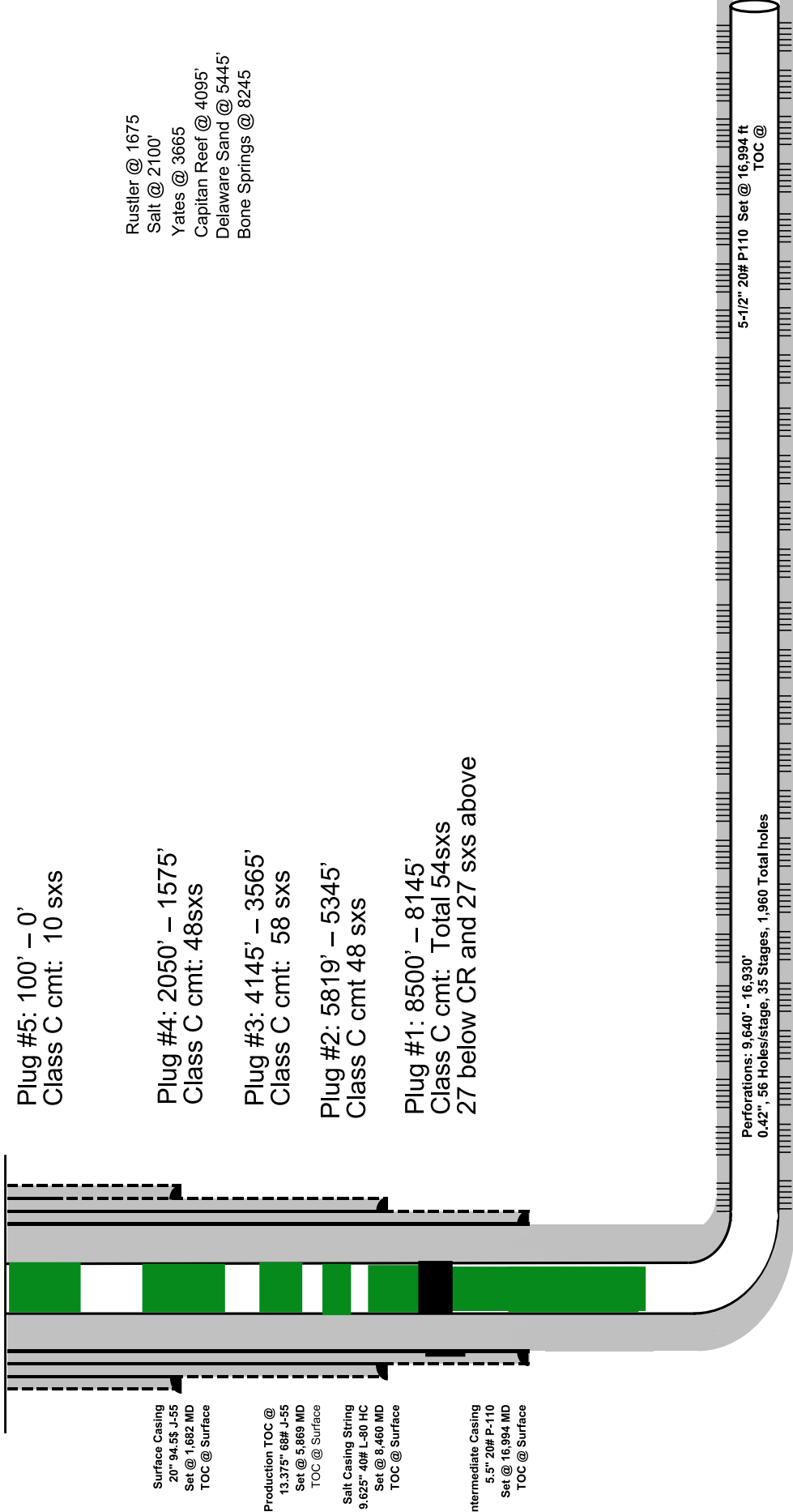


Schematic by Matthew Walker Production Engineer Date: February 20th, 2026

Current Completion



WELL NAME		Outland State Unit 11 2 1BS 001H		FORMATION		MAKALOTTAOIL	
SURFACE LOCATION		225 FSL & 1630 FEL		API Number		30-025-45222	
SURFACE LOCATION		N		E			
LATITUDE		32.4869		LONGITUDE		-103.43737	
BOTTOM-HOLE LOCATION		N		E			
LATITUDE				LONGITUDE			
GL		X.XXX		FIELD		Grana Ridge, Bone Spring, North (28434)	
KB / RKB 25' / 3.XXX'		COUNTY		TVD/TMD		9.607 / 16.990	
STATE		Lea		NEW MEXICO			



Surface Casing  
20" 94.55 J-55  
Set @ 1,682 MD  
TOC @ Surface

Production TOC @  
13.375" 68# J-55  
Set @ 5,869 MD  
TOC @ Surface

Salt Casing String  
9.625" 40# L-80 HC  
Set @ 8,460 MD  
TOC @ Surface

Intermediate Casing  
5.5" 20# P-110  
Set @ 16,994 MD  
TOC @ Surface

Plug #5: 100' - 0'  
Class C cmt: 10 sxs

Plug #4: 2050' - 1575'  
Class C cmt: 48sxs

Plug #3: 4145' - 3565'  
Class C cmt: 58 sxs

Plug #2: 5819' - 5345'  
Class C cmt 48 sxs

Plug #1: 8500' - 8145'  
Class C cmt: Total 54sxs  
27 below CR and 27 sxs above

Rustler @ 1675  
Salt @ 2100'  
Yates @ 3665  
Capitan Reef @ 4095'  
Delaware Sand @ 5445'  
Bone Springs @ 8245

Perforations: 9,640' - 16,930'  
0.42", 56 Holes/stage, 35 Stages, 1,960 Total holes

5-1/2" 20# P110 Set @ 16,994 ft  
TOC @

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 560246

**CONDITIONS**

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 560246
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

**CONDITIONS**

Created By	Condition	Condition Date
gcordero	Adhere to current Plug & Abandon (P&A) Conditions Of Approvals (COA).	3/20/2026
gcordero	A Cement Bond Log (CBL) is required to be submitted to electronic permitting.	3/20/2026
gcordero	Submit Cement Bond Logs (CBL) prior to submittal of C-103P.	3/20/2026