Form 3160-3 FORM APPROVED OMB No. 1004-0137 (June 2015) Expires: January 31, 2018 **UNITED STATES** DEPARTMENT OF THE INTERIOR 5. Lease Serial No. BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 6. If Indian, Allotee or Tribe Name 7. If Unit or CA Agreement, Name and No. DRILL REENTER 1a. Type of work: 1b. Type of Well: Oil Well Gas Well Other 8. Lease Name and Well No. 1c. Type of Completion: Hydraulic Fracturing Single Zone Multiple Zone 2. Name of Operator 9. API Well No. 30-045-38292 3a. Address 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 11. Sec., T. R. M. or Blk. and Survey or Area At surface At proposed prod. zone 14. Distance in miles and direction from nearest town or post office* 12. County or Parish 13. State 15. Distance from proposed* 16. No of acres in lease 17. Spacing Unit dedicated to this well location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 18. Distance from proposed location* 19. Proposed Depth 20. BLM/BIA Bond No. in file to nearest well, drilling, completed, applied for, on this lease, ft. 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable) 1. Well plat certified by a registered surveyor. 4. Bond to cover the operations unless covered by an existing bond on file (see 2. A Drilling Plan. Item 20 above). 3. A Surface Use Plan (if the location is on National Forest System Lands, the 5. Operator certification. SUPO must be filed with the appropriate Forest Service Office). 6. Such other site specific information and/or plans as may be requested by the 25. Signature Name (Printed/Typed) Date Title Approved by (Signature) Name (Printed/Typed) Date Title Office Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attached. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

APPROVED WITH CONDITIONS Released to Imaging: 2/14/2023 10:28:20 AM Approval Date: 02/07/2023

*(Instructions on page 2)

Received by OCD: 2/7/2023 1:47:30 PM 1625 N. French Drive, Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

Dedicated Acres

District II 811 S. First Street, Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

District IV 1220 S. St. Francis Drive, Santa Fe, NM 87505 Phone: (505) 476–3460 Fax: (505) 476–3462

640.00 - Entire Section

State of New Mexico Energy, Minerals & Natural Resources Department

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

Form C-1Bage 2 of 27 Revised August 1, 2011

Submit one copy to Appropriate District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code ³Pool Name 96436 30-045-38292 321251 SWD: ENTRADA Property Code Property Name Well Number W LYBROOK 2309-24N SWD 001 333761 'OGRID No. Elevation Operator Name ENDURING RESOURCES, LLC 372286 6870' ¹⁰ Surface Location UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County 2284 Ν 24 23N 9W 294 SOUTH WEST SAN JUAN ¹¹ Bottom Hole Location If Different From Surface UL or lot no Section Lot Idn North/South line Feet from the Feet from the East/West line County

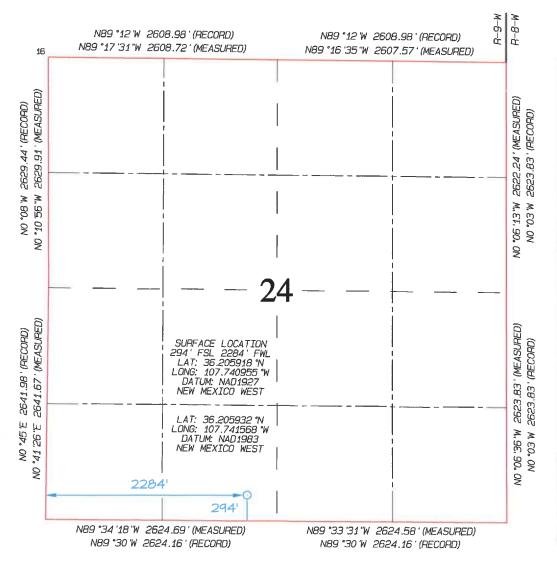
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

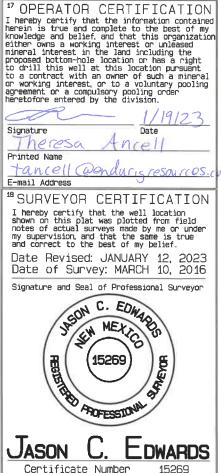
¹⁴ Consolidation Code

⁹⁵ Order No

OGRID No. 372286; UIC Permit SWD-243

¹³Joint or Infill







United States Department of the Interior



BUREAU OF LAND MANAGEMENT Farmington District Office 6251 College Blvd, Suite A Farmington, New Mexico 87402

In Reply Refer To: 3162.3-1(NMF0110)

* ENDURING RESOURCES LLC

#001 WLU 2309 24N Federal SWD

Lease: NMNM36949

SH: SESW Section 24, T. 23 N., R. 9 W.

San Juan County, New Mexico

BH: SESW Section 24, T. 23 N., R. 9 W.

San Juan County, New Mexico

*Above Data Required on Well Sign

GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL AND INDIAN LEASES

I. GENERAL

- A. Full compliance with all applicable laws, regulations, and Onshore Orders, with the approved Permit to drill, and with the approved Surface Use and Operations Plan is required. Lessees and/or operators are fully accountable for the actions of their contractors and subcontractors. Failure to comply with these requirements and the filing of required reports will result in strict enforcement pursuant to 43 CFR 3163.1 or 3163.2.
- B. Each well shall have a well sign in legible condition from spud date to final abandonment. The sign should show the operator's name, lease serial number, or unit name, well number, location of the well, and whether lease is Tribal or Allotted, (See 43 CFR 3162.6(b)).

II. REPORTING REQUIREMENTS

A. For reporting purposes, all well Sundry notices, well completion and other well actions shall be referenced by the appropriate lease, communitization agreement and/or unit agreement numbers.

INTERIOR REGION 7 • UPPER COLORADO BASIN

COLORADO, NEW MEXICO, UTAH, WYOMING

Released to Imaging: 2/14/2023 10:28:20 AM

- B. The following reports shall be filed with the BLM-Authorized Officer within 30 days after approval of the permit.
- 1. Provide complete information concerning the below. This submission should be done by Subsequent Report Sundry Notification within AFMSS 2. Any dates provided should be exact (month, day, year)
 - a. Setting of each string of casing. Show size and depth of hole, grade and weight of casing, depth set, depth of any and all cementing tools that are used, amount (in cubic feet) and types of cement used, whether cement circulated to surface and all cement tops in the casing annulus, casing test method and results, and the date work was done. Show spud date.
 - b. Intervals tested, perforated (include; size, number and location of perforations), acidized, or fractured; and results obtained. Provide date work was done on well completion report and completion sundry notice.
- 2. Submit a Well Completion Report which AFMSS 2.

K. Rennick 02/06/2023



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Operator Certification Data Report

Operator

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

NAME: THERESA ANCELL Signed on: 01/13/2023

Title: REGULATORY AGENT

Street Address: 200 ENERGY COURT

City: FARMINGTON State: NM Zip: 87410

Phone: (970)749-0124

Email address: TANCELL@ENDURINGRESOURCES.COM

Field

Representative Name: Theresa Ancell

Street Address: 200 Energy Court

City: Farmington State: NM Zip: 87401

Phone: (505)563-9731

Email address: tancell@enduring.com



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT Application Data

MANAGEMENT

APD ID: 10400090213 **Submission Date:** 01/18/2023

Highlighted data reflects the most recent changes

Operator Name: ENDURING RESOURCES LLC

Well Number: 001

Show Final Text

Well Name: WLU 2309 24N FEDERAL SWD Well Type: INJECTION - DISPOSAL

Well Work Type: Reenter

Zip: 80265

Section 1 - General

BLM Office: Farmington User: THERESA ANCELL Title: REGULATORY AGENT

Federal/Indian APD: FED Is the first lease penetrated for production Federal or Indian? IND

Lease number: NMNM36949 Lease Acres: 640

Surface access agreement in place? Allotted? Reservation:

Agreement in place? NO Federal or Indian agreement:

Agreement number:

Agreement name:

Keep application confidential? Y

Permitting Agent? NO APD Operator: ENDURING RESOURCES LLC

Operator letter of Operator_Certification_TA_20230113113913.pdf

Operator Info

Operator Organization Name: ENDURING RESOURCES LLC

Operator Address: 1050 17TH STREET SUITE 2500

Operator PO Box:

Operator City: DENVER State: CO

Operator Phone: (303)573-1222

Operator Internet Address:

Section 2 - Well Information

Well in Master Development Plan? NO Master Development Plan name:

Well in Master SUPO? NO Master SUPO name:

Well in Master Drilling Plan? NO Master Drilling Plan name:

Well Name: WLU 2309 24N FEDERAL SWD Well Number: 001 Well API Number:

Field/Pool or Exploratory? Field and Pool Field Name: WEST LYBROOK Pool Name:

UNIT

Well Name: WLU 2309 24N FEDERAL SWD Well Number: 001

Is the proposed well in an area containing other mineral resources? NATURAL GAS,OIL

Is the proposed well in a Helium production area? N Use Existing Well Pad? Y New surface disturbance? N

Type of Well Pad: SINGLE WELL Multiple Well Pad Name: Number:

Well Class: VERTICAL Number of Legs: 1

Well Work Type: Reenter

Well Type: INJECTION - DISPOSAL

Describe Well Type:

Well sub-Type: INJECTION - DISPOSAL

Describe sub-type:

Distance to town: 40 Miles Distance to nearest well: 3100 FT Distance to lease line: 3100 FT

Reservoir well spacing assigned acres Measurement: 640 Acres

Well plat: WLU_2309_24N_WaterRecycleFacility_20230113100438.pdf

2309_24N_WLU_SWD_C102_signedTA_20230119141904.pdf

Well work start Date: 01/03/2023 Duration: 34 DAYS

Section 3 - Well Location Table

Survey Type: RECTANGULAR

Describe Survey Type:

Datum: NAD27 Vertical Datum: NAVD88

Survey number: Reference Datum: OTHER

Wellbore	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD	Will this well produce from this
SHL Leg #1	294	FSL	228 4	FW L	23N	9W	24	Aliquot SESW	36.20591 8	- 107.7409 55	SAN JUA N	NEW MEXI CO			NMNM 36949	689 3	0	0	N
BHL Leg #1	294	FSL	228 4	FW L	23N	9W	24	Aliquot SESW	36.20591 8	- 107.7409 55	SAN JUA N	NEW MEXI CO			NMNM 36949	677 8	677 8	115	N

Well Name: WLU 2309 24N FEDERAL SWD Well Number: 001

Operator Certification

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements mad in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformance with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S. C. 1001 for the filing of false statements.

Executed on this 13 day of January , 2023.
Name: Theresa Ancell
Position Title: <u>Sr. Regulatory Manager</u>
Address: 200 Energy Ct, Farmington, New Mexico 87401
Telephone: <u>505-636-9731</u>
Field Representative (if not above signatory):
Email: tancell@enduringresources.com

Date: January 13, 2023

Theresa Ancell Senior Regulatory Manager Enduring Resources, LLC.

Directions from the Intersection of US Hwy 550 & US Hwy 64

in Bloomfield, NM to Enduring Resources, LLC WLU 2309-24N Water Recycle Facility

294' FSL & 2284' FWL, Section 24, T23N, R9W, N.M.P.M., San Juan County, NM

Latitude: 36.205932°N Longitude: 107.741568°W Datum: NAD1983

From the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM, travel Southerly on US Hwy 550 for 37.8 miles to Mile Marker 113.4;

Go Right (South-westerly) on County Road #7890 for 0.8 miles to fork in roadway;

Go Left (Southerly) remaining on County Road #7890 for 1.3 miles to 4-way intersection;

Go Left (South-easterly) remaining on County Road #7890 for 0.6 miles to fork in roadway;

Go Right (South-westerly) remaining on County Road #7890 for 0.5 miles to fork in roadway;

Go Right (Westerly) exiting County Road #7890 for 0.2 miles to begin access on right-hand side of existing roadway which continues for 50.0' to staked Enduring WLU 2309-24N Water Recycle Facility location.



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Well Type: INJECTION - DISPOSAL

Drilling Plan Data Report

02/07/2023

APD ID: 10400090213

Submission Date: 01/18/2023

Highlighted data reflects the most recent changes

Operator Name: ENDURING RESOURCES LLC

Well Number: 001

Well Name: WLU 2309 24N FEDERAL SWD

Well Work Type: Reenter

Show Final Text

Section 1 - Geologic Formations

	Formation ID	Formation Name	Elevation	True Vertical	Measured Depth	Lithologies	Mineral Resources	Producing Formatio
Ī	9759646	NACIMIENTO	6893	6763	7328	SANDSTONE, SHALE	USEABLE WATER	N

Section 2 - Blowout Prevention

Pressure Rating (PSI): 2M Rating Depth: 7328

Equipment: N/A

Requesting Variance? NO

Variance request:

Testing Procedure: Pressure test 7" casing for a mimumum of 1 hour.

Choke Diagram Attachment:

WLU_2309_24N_WBD_Proposed_20230113140728.pdf

BOP Diagram Attachment:

WLU_2309_24N_BOP_12282018_20230113133450.pdf

Section 3 - Casing

Casing ID	String Type	Hole Size	Csg Size	Condition	Standard	Tapered String	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Calculated casing length MD	Grade	Weight	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type	Body SF
1	LINER	4.5	4.5	NEW	API	N	0	7328	0	7328	6893	-435	7328	J-55	54.5	N/A	3.47	1.19	BUOY	1.46	BUOY	1.79

Well Name: WLU 2309 24N FEDERAL SWD Well Number: 001

Casing Attachments

Casing ID: 1

String

LINER

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

WLU_2309_24N_WSW_Drill_Program_12282018_20230113142500.pdf

Section 4 - Cement

String Type	Lead/Tail	Stage Tool Depth	Тор МD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
LINER	Lead	7328	350	7328	10.16	1.99	12.3	0.6	50	G:POZ blend	Halliburton ECONOCEM & EXTENDACEM cementing blend
LINER	Tail		350	7328	5.94	1.35	13.3	0.15	10	G:POZ blend	Halliburton ECONOCEM & EXTENDACEM cementing blend
LINER	Lead	350	0	7328	5.15	1.17	54.5	0.96	100	Class G	Halliburton HALCEM surface cementing blend

Well Name: WLU 2309 24N FEDERAL SWD Well Number: 001

Section 5 - Circulating Medium

Mud System Type: Closed

Will an air or gas system be Used? NO

Description of the equipment for the circulating system in accordance with Onshore Order #2:

Diagram of the equipment for the circulating system in accordance with Onshore Order #2:

Describe what will be on location to control well or mitigate other conditions: A fully, closed loop system will be utilized. The system will consist of aboveground piping and aboveground storage tanks and bins. The system will not entail any earthen pits, below grade storage, or drying pads. All equipment will be disassembled and removed from the site when drilling operations cease. The system will be capable of storing all fluids and generated cuttings and of preventing uncontrolled releases of the same. The system will be operated in an efficient manner to allow the recycling and reuse of as much fluid as possible and to minimize the amount of fluids and solids that require disposal.

Describe the mud monitoring system utilized: Pumps shall be equipped with stroke counters with displays in the doghouse. Slow pump speed shall be recorded daily and after mudding up, at a minimum, on drilling report. A Pit Volume Totalizer will be installed and the readout will be displayed in the doghouse. Gas detecting equipment will be installed at the shakers, and readouts will be available in the doghouse and the in the geologist's workstation.

Circulating Medium Table

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	ЬН	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
0	7328	SPUD MUD	2	12							

Section 6 - Test, Logging, Coring

List of production tests including testing procedures, equipment and safety measures:

Logging and testing has previously been performed and submitted to State and Federal Agencies.

List of open and cased hole logs run in the well:

OTHER,

Other log type(s):

N/A

Coring operation description for the well:

N/A

Well Name: WLU 2309 24N FEDERAL SWD Well Number: 001

Section 7 - Pressure

Anticipated Bottom Hole Pressure: 1 Anticipated Surface Pressure: -24

Anticipated Bottom Hole Temperature(F): 165

Anticipated abnormal pressures, temperatures, or potential geologic hazards? NO

Describe:

Contingency Plans geoharzards description:

Contingency Plans geohazards

Hydrogen Sulfide drilling operations plan required? NO

Hydrogen sulfide drilling operations

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

WLU_2309_24N_WSW_Drill_Program_12282018_20230113115142.pdf Form_C_108_SJ4301_POD_3_KS_Signed_20230131_20230202135157.pdf

Other proposed operations facets description:

Other proposed operations facets attachment:

Other Variance attachment:

Received by OCD: 2/7/2023 1:47:30 PM W Lybrook Unit 2309-24N Proposed

Spud Date: 01/03/19 Completion Date: 02/07/19

Lat: 36.205932 N Long: 107.741568 W

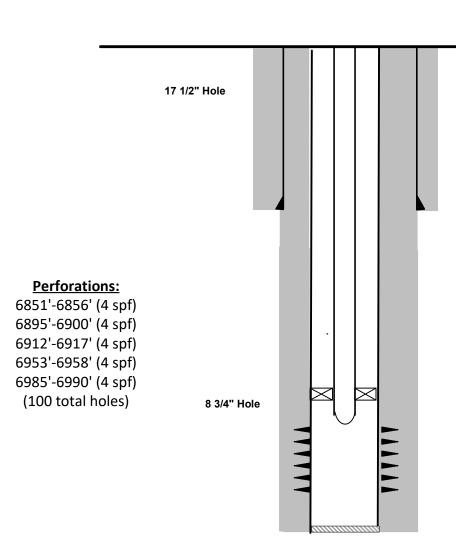
Entrada

SE/4, SW/4, Section 24, TWP 23N, Rng 09W

County: Sandoval NM Elevation: 6893' KB

Created By: TJOYCE Modified By: M WARP (8/19/19) Modified By: M WARP (9/06/19) Modified By: C Longwell (9/7/22)

Current Wellbore



13 3/8" Surface 54.5# J55 @ 397'. Circulated cmt to surface w/ 440 sx Type G cmt. BURST = 2730 psi.

7" Production 26# L-80 to 7,398' (LT&C).

PBTD = 7,307.6'. Displacement. Burst 7"

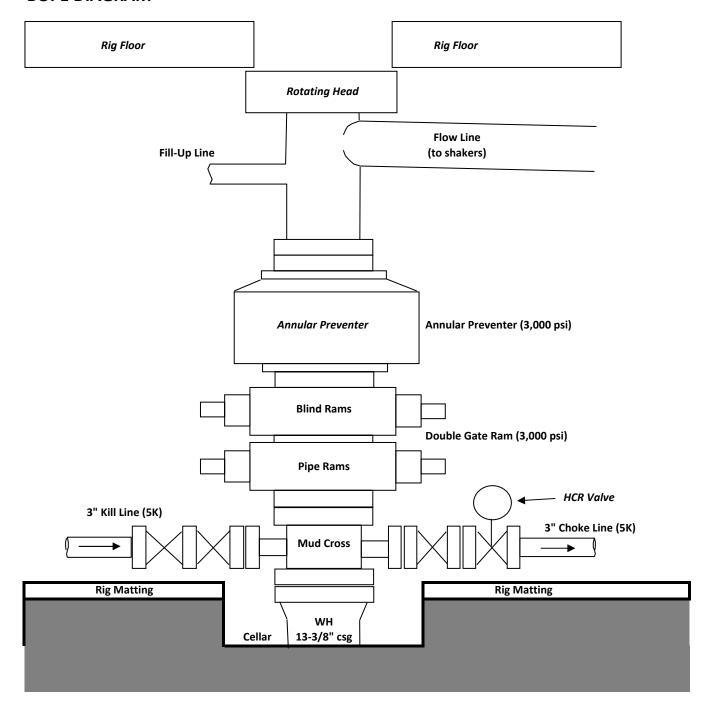
26# L-80 LT&C = 7240 psi burst.

Pumped 80 bbls tuned spacer & 184 bbls lead cmt (525 sxs) @ 12.3 PPG, followed by 102 bbls tail cmt @ 13.3 ppg. Dropped plug & disp w/ 279 bbls H2O, bumped plug, circ 52 bbls good cmt to surface. Floats held.

BHA Detail: (9/30/2019)

4 ½" plastic lined tubing 7" x 4 ½" AS1-X Packer at 6,810'

BOPE DIAGRAM





DRILLING PLAN: Drill, complete, and equip water supply well in the Entrada formation

WELL INFORMATION:

Name: W Lybrook Unit 2309-24N SWD 001 formerly known as W Lybrook Unit 2309-24N WSW (SJ-4301 POD3)

State: New Mexico
County: San Juan

Surface Elevation: 6,878 ft ASL (GL) 6,893 ft ASL (KB)

Formation Tops

Surface Location: 24-23N-09W Sec-Twn-Rng

36.205958 ° N latitude 107.740891 ° W longitude (NAD 83)

BH Location: 24-23N-09W Sec-Twn-Rng

36.205958 ° N latitude 107.740891 ° W longitude (NAD 83)

TVD (ft ASL)

Driving Directions: From the intersection of US HWY 550 and US HWY 64 in Bloomfield, NM: South on US HWY 550 for 37.8 miles to MM 113.4,

TVD (ft KB)

right (southwest) at on CR #7890 for 0.8miles to fork; left (south) staying on #7890 for 1.3 miles to 4-way intersection, left (southeast) staying on #7890 for 0.6 miles to fork, right (southwest) staying on #7890 for 0.5 miles, right on existing road and

MD (ft KB)

O/G/W

Pressure

well and water-storage-facility are on the right.

GEOLOGIC AND RESERVOIR INFORMATION:

			is:

Ojo Alamo	6,365	528	528	W	normal
Kirtland	6,265	628	628	W	normal
Fruitland	6,050	843	843	G, W	sub
Pictured Cliffs	5,715	1,178	1,178	G, W	sub
Lewis	5,465	1,428	1,428	G, W	normal
Chacra	5,320	1,573	1,573	G, W	normal
Cliff House	4,225	2,668	2,668	G, W	sub
Menefee	4,250	2,643	2,643	G, W	normal
Point Lookout	3,265	3,628	3,628	G, W	normal
Mancos	3,015	3,878	3,878	O,G,W	sub (0.38)
MNCS_G	2,155	4,738	4,738	O,G,W	sub (0.38)
MNCS_I	2,060	4,833	4,833	O,G,W	sub (0.38)
Basal Niobrara Unconf.	2,010	4,883	4,883	O,G,W	normal
Juana Lopez	1,735	5,158	5,158	O,G,W	normal
Greenhorn	1,345	5,548	5,548	O,G,W	normal
Graneros	1,305	5,588	5,588	O,G,W	normal
Dakota	1,260	5,633	5,633	O,G,W	normal
Morrison	975	5,918	5,918	O,G,W	normal
Todilto	125	6,768	6,768	O,G,W	normal
Entrada	115	6,778	6,778	O,G,W	normal
Chinle	-85	6,978	6,978	O,G,W	normal
TOTAL DEPTH*	-435	7,328	7,328	O,G,W	normal

BIT DAMAGING

BIT DAMAGING

Surface: Nacimiento
Oil & Gas Zones: Several gas bearing zones will be encountered; target formation is the Entrada

Pressure: Normal (0.43 psi/ft) or sub-normal pressure gradient anticipated in all formations

Max. pressure gradient: 0.43 psi/ft Evacuated hole gradient: 0.22 psi/ft

Maximum anticipated BH pressure, assuming maximum pressure gradient: 3,160 psi

Maximum anticipated surface pressure, assuming partially evacuated hole: 1,550 psi

Temperature: Maximum anticipated BHT is 165° F or less

*adjust TD as necessary to allow for \sim 300' of rathole from bottom of Entrada formation to PBTD (float collar).

H₂S INFORMATION:

H₂S Zones: Encountering hydrogen-sulfide bearing zones is **NOT** anticipated.

Safety: Sensors and alarms will be placed in the substructure, on the rig floor, above the pits, and at the shakers.

LOGGING, CORING, AND TESTING:

Mud Logs: Mud logging and cuttings sampling from drillout of 13-3/8" casing to TD; total gas chromatograph will be run from drillout of 13-

3/8" casing to TD

MWD / LWD: Deviation survey in surface section, MWD surveys in 100' stations in production section, GR is optional

Open Hole Logs: Triple-Combo log from TD of 8-3/4" hole to surface

Testing: None planned Coring: None planned

Cased Hole Logs: CBL on 7" casing from PBTD to surface

DRILLING RIG INFORMATION:

Contractor: Mo-Te

Rig No.: Aztec Drilling 777 Draw Works: Loadcraft 224DDR

Mast: Loadcraft (116ft, 410,000 lbs, 10 lines)

Top Drive: Tesco 250 ton Prime Movers: 2 - CAT C-15

> **Pumps:** 2 - HRSF-1000 (3,000 psi) BOPE 1: Double Gate Ram (3,000 psi) **BOPE 2:** Annular Preventer (3,000 psi)

Choke 3" x 5,000 psi

KB-GL (ft): 15

BOPE REQUIREMENTS:

See attached diagram for details regarding BOPE specifications and configuration.

- 1) Rig will be equipped with upper and lower kelly cocks with handles available.
- 2) Inside BOP and TIW valves will be available to use on all sizes and threads of drill pipe used while drilling the well.

2)

BOP accumulator will have enough capacity to open the HCR valve, close all rams and annular preventer, and retain minimum of 200 psi above precharge on the closing manifold without the use of closing pumps. The fluid reservoir capacity shall be at least double the usable fluid volume of the accumulator system capacity, and the fluid level shall be maintained at manufacturer's recommendation. There will be two additional sources of power for the closing pumps (electric and air). Sufficient nitrogen bottles will be available and will be recharged when pressure falls below manufacturer's recommended minimum.

- BOP testing shall be conducted (a) when initially installed, (b) whenever any seal is broken or repaired, (c) if the time since the previous test exceeds 30 days. Tests will be conducted using a test plug. BOP ram preventers will be tested to 3,000 psi for 10 minutes, and the annular preventer will be tested to 1,500 psi for 10 minutes. Ram and annular preventers will be tested to 250 psi for 5 minutes. Additionally, BOP and casing strings will be tested to .22 psi/ft (or 1,500 psi minimum) for 30 minutes, prior to drilling out 13-3/8" casing. Rams and hydraulically operated remote choke line valve will be function tested daily at a minimum.
- 4) Remote valve for BOP rams, HCR, and choke shall be placed in a location that is readily available to the driller. The remote BOP valve shall be capable of closing and opening the rams.
- 5) Manual locking devices (hand wheels) shall be intalled on rams. A valve will be installed on the annular preventer's closing line as close as possible to the preventer to act as a locking device. The valve will be maintained in the open position and shall only be closed when the there is no power to the accumulator.

FLUIDS AND SOLIDS CONTROL PROGRAM:

Fluid Measurement: Pumps shall be equipped with stroke counters with displays in the dog-house. Slow pump speed shall be recorded daily and after mudding up, at a minimum, on drilling report. A Pit Volume Totalizer will be installed and the readout will be displayed in the dog-house. Gas-detecting equipment will be installed at the shakers, and readouts will be available in the dog-house and the in the geologist's work-station.

Closed-Loop System:

A fully, closed-loop system will be utilized. The system will consist of above-ground piping and above-ground storage tanks and bins. The system will not entail any earthen pits, below-grade storage, or drying pads. All equipment will be disassembled and removed from the site when drilling operations cease. The system will be capable of storing all fluids and generated cuttings and of preventing uncontrolled releases of the same. The system will be operated in an efficient manner to allow the recycling and reuse of as much fluid as possible and to minimimize the amount of fluids and solids that require disposal.

Fluid Disposal: Fluids that cannot be reused, recycled, or returned to the supplier will be hauled to and disposed of at an approved disposal site

(Industrial Ecosystem, Inc. or Envirotech, Inc.).

Solids Disposal:

Drilling solids will be stored (until haul-off) on-site in separate containers with no other waste, debris, or garbage products. Waste solids will be hauled to and disposed of at an approved disposal site (Industrial Ecosystem, Inc. or Envirotech, Inc.).

Fluid Program: See "Detailed Drilling Plan" section for specifics.

DETAILED DRILLING PLAN:

SURFACE: Drill vertically to casing setting depth, run casing, install wellhead, cement casing to surface.

0 ft (MD)	to	350 ft (MD)	Hole Section Length:	350 ft
0 ft (TVD)	to	350 ft (TVD)	Casing Required:	350 ft

Note: Surface hole may be drilled, cased, and cemented with a smaller rig in advance of the drilling rig.

			FL		YP		
Fluid:	Туре	MW (ppg)	(mL/30 min)	PV (cp)	(lb/100 sqft)	рН	Comments
	Fresh Water	8.4	N/C	2 - 8	2 - 12	9.0	Spud mud

Hole Size: 17-1/2"

Bit / Motor: Mill Tooth or PDC, no motor

MWD / Survey: No MWD, run deviation survey in 100' stations after drilling

Logging: None

Procedure: Drill to TD. Run deviation survey in 100' stations from TD to surface. Wiper trip. Condition hole and fluid for casing running. TOH. Run casing and pump cement as detailed below. Monitor returns during cement job and note cement volume to surface. Notify engineer, NMOCD, and BLM if cement is not circulated to surface. Install API wellhead. Cement must achieve 500 psi compressive strength before drilling out.

Casing Specs:		Wt (lb/ft)	Grade	Conn.	Collapse (psi)	Burst (psi)	Tens. Body (lbs)	Tens. Conn (lbs)
Specs	13.375	54.5	J-55	BTC	1,130	2,730	853,000	514,000
Loading					153	1,570	116,634	116,634
Min. S.F.					7.39	1.74	7.31	4.41

Assumptions: Collapse: fully evacuated casing with 8.4 ppg equivalent external pressure gradient

Burst: maximum anticipated surface pressure or maximum test pressure with 9.5 ppg fluid inside casing while

drilling production hole and 8.4 ppg equivalent external pressure gradient

Tension: buoyed weight in 8.4 ppg fluid with 100,000 lbs over-pull

MU Torque (ft lbs): Minumum: N/A Optimum: N/A Make-up as per API Buttress Connection running procedure.

Casing Details: Float shoe, 1 it casing, float collar, casing to surface, API-certified wellhead

Centralizers: 2 centralizers per jt stop-banded 10' from each collar on bottom 3 jts, 1 centralizer per 2 jts to surface

			Yield	Water		Planned TOC	Total Cmt
Cement:	Type	Weight (ppg)	(cuft/sk)	(gal/sk)	% Excess	(ft MD)	(sx)
	Class G	15.8	1.174	5.15	100%	0	414

Annular Capacity

0.6946 cuft/ft (17-1/2" hole x 13-3/8" casing annulus)

Calculated cement volumes assume gauge hole and the excess noted in table

Halliburton HALCEM surface cementing blend

PRODUCTION: Drill to TD following directional plan, run casing, cement casing to surface.

350 ft (MD)	to	7,328 ft (MD)	Hole Section Length:	6,978 ft
350 ft (TVD)	to	7,328 ft (TVD)	Casing Required:	7,328 ft

					YP (lb/100		
Fluid:	Туре	MW (ppg)	FL (mL/30')	PV (cp)	ft²)	рН	Comments
	KCl Fluid	8.8 - 9.5	20	8 - 14	8 - 14	9.0 - 9.5	

Hole Size: 8-3/4"

Bit / Motor: PDC w/mud motor

MWD / Survey: MWD with surveys in 100' stations, GR optional

Logging: Triple Combo Log from TD to surface casing shoe (confirm with Operations Geologist)

Procedure: NU BOPE and test (as noted above); pressure test 13-3/8" casing to 1,500 psi for 30 minutes.

Drill vertically to TD. After reaching TD, make wiper trip(s) as dictated by hole conditions to condition hole for logs and casing running. TOH. Run OH logs as directed by geology from TD to surface. Run casing as described below. Space out casing as close

to TD as possible. Pump cement as detailed below. Note cement volume circulated to surface.

Tens. Body Casing Specs: Size (in) Wt (lb/ft) Collapse (psi) Burst (psi) (lbs) Tens. Conn (lbs) Grade Conn. Specs 7.000 26.0 HCL-80 LTC 7,800 7,240 604,000 570,000 Loading 3,201 5,067 264,989 264,989 Min. S.F. 2.44 1.43 2.28 2.15

Assumptions: Collapse: fully evacuated casing with 8.4 ppg equivalent external pressure gradient in the annulus

Burst: 4,000 psi maximum surface treating pressure with 11.2 ppg equivalent mud weight sand laden fluid during

fracturing operations with 8.4 ppg equivalent external pressure gradient

Tension: buoyed weight in 8.8 ppg fluid with 100,000 lbs over-pull

MU Torque (ft lbs): Minumum: 3,830 Optimum: 5,110 Maximum: 6,390

Casing Details: Float shoe, float collar, 2 jt casing, float collar, casing to surface with 1 - 20' marker joint ~100' above Entrada top

Centralizers: 2 centralizers per joint stop-banded 10' from each collar on bottom 3 joints, 1 centralizer per joint to 500' above the Entrada

top, 1 centralizer per joint to surface

			Yield	Water		Planned TOC	Total Cmt
Cement:	Type	Weight (ppg)	(cuft/sk)	(gal/sk)	% Excess	(ft MD)	(sx)
					F.00/		
Lead	G:POZ blend	12.3	1.987	10.16	50%	0	559
Tail	G:POZ blend	13.3	1.354	5.94	10%	3,878	421

Annular Capacity

0.6007 cuft/ft 0.1503 cuft/ft (13-3/8" casing x 7" casing annulus) (8-3/4" hole x 7" casing annulus)

Calculated cement volumes assume gauge hole and the excess noted in table

Halliburton ECONOCEM & EXTENDACEM cementing blend

FINISH WELL: ND BOP, NU WH, RDMO.

Procedure: ND BOP. NU WH. RDMO. Hand well over to Completions.

COMPLETION AND PRODUCTION PLAN:

Completion: Pressure test 7" casing for a mimumum of 1 hour. Coordinate exact testing procedure with NMOSE. Run CBL to from TD to

surface. Perforate Entrada. TIH with packer and break down Entrada perforations. Swab back load water and collect formation

water sample. Perform complete water analyis. Perforations may be acidized or fracture stimulated to improve inflow.

Production: Well will produce up 3-1/2" production tubing via ESP into water storage facility.

ESTIMATED START DATES:

 Drilling:
 1/15/2019

 Completion:
 2/4/2019

 Production:
 2/19/2019

Prepared by: Alec Bridge 5/4/2018

Updated by: Alec Bridge 11/13/2018 -updated hole size, updated 7" casing weight

Alec Bridge 12/28/2018 -updated prog to match NMOSE's COAs, updated geo prog



DRILLING PLAN: Drill, complete, and equip water supply well in the Entrada formation

WELL INFORMATION:

Name: W Lybrook Unit 2309-24N SWD 001 formerly known as W Lybrook Unit 2309-24N WSW (SJ-4301 POD3)

State: New Mexico
County: San Juan

Surface Elevation: 6,878 ft ASL (GL) 6,893 ft ASL (KB)

Formation Tops

Surface Location: 24-23N-09W Sec-Twn-Rng

36.205958 ° N latitude 107.740891 ° W longitude (NAD 83)

BH Location: 24-23N-09W Sec-Twn-Rng

36.205958 ° N latitude 107.740891 ° W longitude (NAD 83)

Driving Directions: From the intersection of US HWY 550 and US HWY 64 in Bloomfield, NM: South on US HWY 550 for 37.8 miles to MM 113.4,

right (southwest) at on CR #7890 for 0.8miles to fork; left (south) staying on #7890 for 1.3 miles to 4-way intersection, left (southeast) staying on #7890 for 0.6 miles to fork, right (southwest) staying on #7890 for 0.5 miles, right on existing road and

TVD (ft ASL) TVD (ft KB) MD (ft KB) O / G / W Pressure

well and water-storage-facility are on the right.

GEOLOGIC AND RESERVOIR INFORMATION:

ro		

Formation rops	IVD (ILASE)	IVD (ILKD)	IVID (IL KD)	0/0/W	Flessule
Ojo Alamo	6,365	528	528	W	normal
Kirtland	6,265	628	628	W	normal
Fruitland	6,050	843	843	G, W	sub
Pictured Cliffs	5,715	1,178	1,178	G, W	sub
Lewis	5,465	1,428	1,428	G, W	normal
Chacra	5,320	1,573	1,573	G, W	normal
Cliff House	4,225	2,668	2,668	G, W	sub
Menefee	4,250	2,643	2,643	G, W	normal
Point Lookout	3,265	3,628	3,628	G, W	normal
Mancos	3,015	3,878	3,878	O,G,W	sub (0.38)
MNCS_G	2,155	4,738	4,738	O,G,W	sub (0.38)
MNCS_I	2,060	4,833	4,833	O,G,W	sub (0.38)
Basal Niobrara Unconf.	2,010	4,883	4,883	O,G,W	normal
Juana Lopez	1,735	5,158	5,158	O,G,W	normal
Greenhorn	1,345	5,548	5,548	O,G,W	normal
Graneros	1,305	5,588	5,588	O,G,W	normal
Dakota	1,260	5,633	5,633	O,G,W	normal
Morrison	975	5,918	5,918	O,G,W	normal
Todilto	125	6,768	6,768	O,G,W	normal
Entrada	115	6,778	6,778	O,G,W	normal
Chinle	-85	6,978	6,978	O,G,W	normal
TOTAL DEPTH*	-435	7,328	7,328	O,G,W	normal

BIT DAMAGING

BIT DAMAGING

Surface: Nacimiento
Oil & Gas Zones: Several gas bearing zones will be encountered; target formation is the Entrada

Pressure: Normal (0.43 psi/ft) or sub-normal pressure gradient anticipated in all formations

Max. pressure gradient: 0.43 psi/ft Evacuated hole gradient: 0.22 psi/ft

Maximum anticipated BH pressure, assuming maximum pressure gradient: 3,160 psi

Maximum anticipated surface pressure, assuming partially evacuated hole: 1,550 psi

Temperature: Maximum anticipated BHT is 165° F or less

*adjust TD as necessary to allow for \sim 300' of rathole from bottom of Entrada formation to PBTD (float collar).

H₂S INFORMATION:

H₂S Zones: Encountering hydrogen-sulfide bearing zones is **NOT** anticipated.

Safety: Sensors and alarms will be placed in the substructure, on the rig floor, above the pits, and at the shakers.

LOGGING, CORING, AND TESTING:

Mud Logs: Mud logging and cuttings sampling from drillout of 13-3/8" casing to TD; total gas chromatograph will be run from drillout of 13-

3/8" casing to TD

MWD / LWD: Deviation survey in surface section, MWD surveys in 100' stations in production section, GR is optional

Open Hole Logs: Triple-Combo log from TD of 8-3/4" hole to surface

Testing: None planned Coring: None planned

Cased Hole Logs: CBL on 7" casing from PBTD to surface

DRILLING RIG INFORMATION:

Contractor: Mo-Te

Rig No.: Aztec Drilling 777 Draw Works: Loadcraft 224DDR

Mast: Loadcraft (116ft, 410,000 lbs, 10 lines)

Top Drive: Tesco 250 ton Prime Movers: 2 - CAT C-15

> **Pumps:** 2 - HRSF-1000 (3,000 psi) BOPE 1: Double Gate Ram (3,000 psi) **BOPE 2:** Annular Preventer (3,000 psi)

Choke 3" x 5,000 psi

KB-GL (ft): 15

BOPE REQUIREMENTS:

See attached diagram for details regarding BOPE specifications and configuration.

- 1) Rig will be equipped with upper and lower kelly cocks with handles available.
- 2) Inside BOP and TIW valves will be available to use on all sizes and threads of drill pipe used while drilling the well.

2)

BOP accumulator will have enough capacity to open the HCR valve, close all rams and annular preventer, and retain minimum of 200 psi above precharge on the closing manifold without the use of closing pumps. The fluid reservoir capacity shall be at least double the usable fluid volume of the accumulator system capacity, and the fluid level shall be maintained at manufacturer's recommendation. There will be two additional sources of power for the closing pumps (electric and air). Sufficient nitrogen bottles will be available and will be recharged when pressure falls below manufacturer's recommended minimum.

- BOP testing shall be conducted (a) when initially installed, (b) whenever any seal is broken or repaired, (c) if the time since the previous test exceeds 30 days. Tests will be conducted using a test plug. BOP ram preventers will be tested to 3,000 psi for 10 minutes, and the annular preventer will be tested to 1,500 psi for 10 minutes. Ram and annular preventers will be tested to 250 psi for 5 minutes. Additionally, BOP and casing strings will be tested to .22 psi/ft (or 1,500 psi minimum) for 30 minutes, prior to drilling out 13-3/8" casing. Rams and hydraulically operated remote choke line valve will be function tested daily at a minimum.
- 4) Remote valve for BOP rams, HCR, and choke shall be placed in a location that is readily available to the driller. The remote BOP valve shall be capable of closing and opening the rams.
- 5) Manual locking devices (hand wheels) shall be intalled on rams. A valve will be installed on the annular preventer's closing line as close as possible to the preventer to act as a locking device. The valve will be maintained in the open position and shall only be closed when the there is no power to the accumulator.

FLUIDS AND SOLIDS CONTROL PROGRAM:

Fluid Measurement: Pumps shall be equipped with stroke counters with displays in the dog-house. Slow pump speed shall be recorded daily and after mudding up, at a minimum, on drilling report. A Pit Volume Totalizer will be installed and the readout will be displayed in the dog-house. Gas-detecting equipment will be installed at the shakers, and readouts will be available in the dog-house and the in the geologist's work-station.

Closed-Loop System:

A fully, closed-loop system will be utilized. The system will consist of above-ground piping and above-ground storage tanks and bins. The system will not entail any earthen pits, below-grade storage, or drying pads. All equipment will be disassembled and removed from the site when drilling operations cease. The system will be capable of storing all fluids and generated cuttings and of preventing uncontrolled releases of the same. The system will be operated in an efficient manner to allow the recycling and reuse of as much fluid as possible and to minimimize the amount of fluids and solids that require disposal.

Fluid Disposal: Fluids that cannot be reused, recycled, or returned to the supplier will be hauled to and disposed of at an approved disposal site

(Industrial Ecosystem, Inc. or Envirotech, Inc.).

Solids Disposal:

Drilling solids will be stored (until haul-off) on-site in separate containers with no other waste, debris, or garbage products.

Waste solids will be hauled to and disposed of at an approved disposal site (Industrial Ecosystem, Inc. or Envirotech, Inc.).

Fluid Program: See "Detailed Drilling Plan" section for specifics.

DETAILED DRILLING PLAN:

SURFACE: Drill vertically to casing setting depth, run casing, install wellhead, cement casing to surface.

0 ft (MD)	to	350 ft (MD)	Hole Section Length:	350 ft
0 ft (TVD)	to	350 ft (TVD)	Casing Required:	350 ft

Note: Surface hole may be drilled, cased, and cemented with a smaller rig in advance of the drilling rig.

			FL		ΥP		
Fluid:	Туре	MW (ppg)	(mL/30 min)	PV (cp)	(lb/100 sqft)	рН	Comments
	Fresh Water	8.4	N/C	2 - 8	2 - 12	9.0	Spud mud

Hole Size: 17-1/2"

F

Bit / Motor: Mill Tooth or PDC, no motor

MWD / Survey: No MWD, run deviation survey in 100' stations after drilling

Logging: None

Procedure: Drill to TD. Run deviation survey in 100' stations from TD to surface. Wiper trip. Condition hole and fluid for casing running. TOH. Run casing and pump cement as detailed below. Monitor returns during cement job and note cement volume to surface. Notify engineer, NMOCD, and BLM if cement is not circulated to surface. Install API wellhead. Cement must achieve 500 psi compressive strength before drilling out.

Casing Specs:		Wt (lb/ft)	Grade	Conn.	Collapse (psi)	Burst (psi)	Tens. Body (lbs)	Tens. Conn (lbs)
Specs	13.375	54.5	J-55	BTC	1,130	2,730	853,000	514,000
Loading					153	1,570	116,634	116,634
Min. S.F.					7.39	1.74	7.31	4.41

Assumptions: Collapse: fully evacuated casing with 8.4 ppg equivalent external pressure gradient

Burst: maximum anticipated surface pressure or maximum test pressure with 9.5 ppg fluid inside casing while

drilling production hole and 8.4 ppg equivalent external pressure gradient

Tension: buoyed weight in 8.4 ppg fluid with 100,000 lbs over-pull

MU Torque (ft lbs): Minumum: N/A Optimum: N/A

Make-up as per API Buttress Connection running procedure.

Casing Details: Float shoe, 1 it casing, float collar, casing to surface, API-certified wellhead

Centralizers: 2 centralizers per jt stop-banded 10' from each collar on bottom 3 jts, 1 centralizer per 2 jts to surface

			Yield	Water		Planned TOC	Total Cmt
Cement:	Type	Weight (ppg)	(cuft/sk)	(gal/sk)	% Excess	(ft MD)	(sx)
	Class G	15.8	1.174	5.15	100%	0	414

Annular Capacity

0.6946 cuft/ft (17-1/2" hole x 13-3/8" casing annulus)

Calculated cement volumes assume gauge hole and the excess noted in table

Halliburton HALCEM surface cementing blend

PRODUCTION: Drill to TD following directional plan, run casing, cement casing to surface.

350 ft (MD)	to	7,328 ft (MD)	Hole Section Length:	6,978 ft
350 ft (TVD)	to	7,328 ft (TVD)	Casing Required:	7,328 ft

					YP (lb/100		
Fluid:	Туре	MW (ppg)	FL (mL/30')	PV (cp)	ft ²)	pН	Comments
	KCl Fluid	8.8 - 9.5	20	8 - 14	8 - 14	9.0 - 9.5	

Hole Size: 8-3/4"

Bit / Motor: PDC w/mud motor

MWD / Survey: MWD with surveys in 100' stations, GR optional

Logging: Triple Combo Log from TD to surface casing shoe (confirm with Operations Geologist)

Procedure: NU BOPE and test (as noted above); pressure test 13-3/8" casing to 1,500 psi for 30 minutes.

Drill vertically to TD. After reaching TD, make wiper trip(s) as dictated by hole conditions to condition hole for logs and casing running. TOH. Run OH logs as directed by geology from TD to surface. Run casing as described below. Space out casing as close

to TD as possible. Pump cement as detailed below. Note cement volume circulated to surface.

Tens. Body Casing Specs: Size (in) Wt (lb/ft) Collapse (psi) Burst (psi) (lbs) Tens. Conn (lbs) Grade Conn. Specs 7.000 26.0 HCL-80 LTC 7,800 7,240 604,000 570,000 Loading 3,201 5,067 264,989 264,989 Min. S.F. 2.44 1.43 2.28 2.15

Assumptions: Collapse: fully evacuated casing with 8.4 ppg equivalent external pressure gradient in the annulus

Burst: 4,000 psi maximum surface treating pressure with 11.2 ppg equivalent mud weight sand laden fluid during

fracturing operations with 8.4 ppg equivalent external pressure gradient

Tension: buoyed weight in 8.8 ppg fluid with 100,000 lbs over-pull

MU Torque (ft lbs): Minumum: 3,830 Optimum: 5,110 Maximum: 6,390

Casing Details: Float shoe, float collar, 2 jt casing, float collar, casing to surface with 1 - 20' marker joint ~100' above Entrada top

Centralizers: 2 centralizers per joint stop-banded 10' from each collar on bottom 3 joints, 1 centralizer per joint to 500' above the Entrada

top, 1 centralizer per joint to surface

			Yield	Water		Planned TOC	Total Cmt
Cement:	Type	Weight (ppg)	(cuft/sk)	(gal/sk)	% Excess	(ft MD)	(sx)
					F.00/		
Lead	G:POZ blend	12.3	1.987	10.16	50%	0	559
Tail	G:POZ blend	13.3	1.354	5.94	10%	3,878	421

Annular Capacity

0.6007 cuft/ft 0.1503 cuft/ft (13-3/8" casing x 7" casing annulus) (8-3/4" hole x 7" casing annulus)

Calculated cement volumes assume gauge hole and the excess noted in table

Halliburton ECONOCEM & EXTENDACEM cementing blend

FINISH WELL: ND BOP, NU WH, RDMO.

Procedure: ND BOP. NU WH. RDMO. Hand well over to Completions.

COMPLETION AND PRODUCTION PLAN:

Completion: Pressure test 7" casing for a mimumum of 1 hour. Coordinate exact testing procedure with NMOSE. Run CBL to from TD to

surface. Perforate Entrada. TIH with packer and break down Entrada perforations. Swab back load water and collect formation

water sample. Perform complete water analyis. Perforations may be acidized or fracture stimulated to improve inflow.

Production: Well will produce up 3-1/2" production tubing via ESP into water storage facility.

ESTIMATED START DATES:

 Drilling:
 1/15/2019

 Completion:
 2/4/2019

 Production:
 2/19/2019

Prepared by: Alec Bridge 5/4/2018

Updated by: Alec Bridge 11/13/2018 -updated hole size, updated 7" casing weight

Alec Bridge 12/28/2018 -updated prog to match NMOSE's COAs, updated geo prog

NATURAL GAS MANAGEMENT PLAN NOT APPLICABLE IN THE CONVERSION OF A WATER SUPPLY WELL TO AN INJECTION WELL.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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**

COMMENTS

Action 183541

COMMENTS

Operator:	OGRID:	
ENDURING RESOURCES, LLC	372286	
6300 S Syracuse Way, Suite 525	Action Number:	
Centennial, CO 80111	183541	
	Action Type:	
	[C-101] BLM - Federal/Indian Land Lease (Form 3160-3)	

COMMENTS

Created By	Comment Comment	Comment Date
kpickford	SWD-2438	2/7/2023

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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 183541

CONDITIONS

Operator:	OGRID:	
ENDURING RESOURCES, LLC	372286	
6300 S Syracuse Way, Suite 525	Action Number:	
Centennial, CO 80111	183541	
	Action Type:	
	[C-101] BLM - Federal/Indian Land Lease (Form 3160-3)	

CONDITIONS

Created By	Condition	Condition Date
kpickford	Submit well log in OCDpermitting under the well log option.	2/14/2023