

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM03877

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM99483

8. Well Name and No.
FIFIELD COM 1Z

9. API Well No.
30-045-33975-00-S1

10. Field and Pool or Exploratory Area
BASIN DAKOTA

11. County or Parish, State
SAN JUAN COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
MERRION OIL & GAS CORP
Contact: PHILANA P THOMPSON
E-Mail: pthmpson@merrion.bz

3a. Address
610 REILLY AVE
FARMINGTON, NM 87401-2634

3b. Phone No. (include area code)
Ph: 505.324.5336
Fx: 505.324.5350

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 5 T29N R11W SENE 1858FNL 904FEL
36.756369 N Lat, 108.009317 W Lon

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Merrion Oil & Gas proposes to attempt to repair the casing. If the attempt is not successful Merrion will proceed with a plug and abandon.

Please see the attached procedure.

OIL CONS. DIV DIST. 3
JAN 24 2018

Notify NMOCD 24 hrs
prior to beginning
operations

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #395063 verified by the BLM Well Information System
For MERRION OIL & GAS CORP, sent to the Farmington
Committed to AFMSS for processing by JACK SAVAGE on 01/12/2018 (18JWS0083SE)**

Name (Printed/Typed) PHILANA P THOMPSON	Title REGULATORY COMPLIANCE SPEC
Signature (Electronic Submission)	Date 11/14/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JACK SAVAGE	Title PETROLEUM ENGINEER	Date 01/12/2018
Conditions of approval, if any, are attached. Approval of this notice 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.		Office Farmington

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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD

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Proposed Bradenhead Repair / P&A Procedure

October 30, 2017

Fifield Com #1Z

1858' FNL and 904' FEL, Section 5, T-29-N, R-11-W
San Juan County, NM, API 30-045-33975

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Rods: Yes No Unknown
Tubing: Yes No Unknown Size 2-3/8, Length 6486'
Packer: Yes No Unknown Type
3. Remove existing piping on casing valve. RU blow down lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl as necessary. Ensure well is dead or on vacuum.
4. ND wellhead and NU BOPE. Pressure test and function test BOP. PU and remove tubing hanger. Tag fill; PU additional joints as needed. Drop standing valve and pressure test tubing. Record tag and advise Merrion engineer.
5. TOH with tubing. LD and replace any bad joints. Make note of corrosion, scale or paraffin and save sample as appropriate.
6. PU 4.5" casing scraper, roundtrip with scraper to ~6,600' KB. TOH and LD scraper.
7. PU 4.5" RBP and packer TIH; set RBP at 6367'. Pull up, set packer, test RBP and dump sand on top of RBP.
8. Load hole with fresh water. Attempt to pressure test 4.5" casing to 600 PSI for 30 minutes.
9. PU packer and isolate the casing leak (s) – top and bottom hole.
10. Call Merrion engineer to discuss squeeze cement instructions. May further isolate the casing leaks by moving the RBP and packer. **NOTE: You must notify the BLM and NMOCD agencies prior to doing any cement squeeze work.**
11. Repair casing leak (s) per instruction with Class B cement or Ultra fine cement if necessary. Drill out cement and pressure test each leak zone for 500#. TOH with bit.
12. Pressure test casing to 500#

13. . Contact Merrion engineer with results and discuss plan forward. If test passes, then notify NMOCD of MIT test and pressure test the wellbore to 800# for 30 minutes on a 2 hr chart with 1000# spring.
14. Run a casing scraper. CO to RBP, - circulate well clean and swab well clean prior to releasing RBP. TOH with scraper and LD RBP and retrieving head. If the perforations are covered with fill then clean out by circulating or bailing or blowing with air.
15. Run production tubing per instructions provided by Merrion. ND BOPE, NU wellhead. Notify Merrion engineer well is ready to return to production. IF casing does not test or decision is made to P&A well then continue on to #16.
16. **NOTE: this procedure may be modified based on attempt to repair bradenhead.**
17. RU wireline and run CBL.
18. **NOTE: the following plugs are subject to change based on CBL results and the pressures tests performed in previous steps.**
19. **Plug #1 (Dakota perforations and top, 6367' – 6260')**: RIH and set 4.5" cement retainer at 6367'. Pressure test tubing to 1000 PSI. Load casing with water and circulate well clean. Pressure test casing to 800#. Spot or tag subsequent plugs as appropriate according to CBL and pressure test results. Circulate well clean. Mix 12 sxs Class B cement inside casing from CR to isolate the Dakota interval. PUH.
20. **Plug #2 (Gallup top, 6495' – 6395')**: Mix and pump 12 sxs Class B cement and spot a balanced plug inside casing to cover the Gallup top. PUH.
21. **Plug #3 (Mancos top, 4745' – 4645')**: Mix and pump 12 sxs Class B cement and spot a balanced plug inside casing to cover the Mancos top. PUH.
22. **Plug #4 (Cliffhouse top, 3737' – 3637')**: Mix and pump 12 sxs Class B cement and spot a balanced plug inside casing to cover the Cliffhouse top. PUH.
23. **Plug #5 (Chacra top, 3046' -2946')**: Mix and pump 12 sxs Class B cement and spot a balanced plug inside casing to cover the Chacra top. PUH.
24. **Plug #6 (Pictured Cliffs and Fruitland tops, 1991' – 1422')**: Mix and pump 44 sxs Class B cement and spot a balanced plug inside casing to through the Pictured Cliffs and Fruitland tops. TOH.
25. **Plug #7 Ojo Alamo and Kirtland tops, 808' – 618')**: If CBL shows no cement behind pipe then perforate HSC squeeze holes at 808'. Establish injection rate. RIH and set CR at 758'. TIH with tubing and sting into CR. Establish injection rate. Mix and pump 93 sxs Class B cement, squeeze 74 sxs outside casing and leave 19 sxs inside casing. If CBL shows cement behind pipe, mix and pump 20 sxs Class B cement and spot a balanced plug inside casing to cover the Ojo Alamo and Kirtland top. TOH and LD tubing.

- 26. Plug #8 (10.75" Surface casing shoe, 370' – 0'):** Perforate 3 squeeze holes at 370'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 120 sxs Class B cement and pump down the 4.5" casing to circulate good cement out bradenhead. Shut in well and WOC.
- 27. ND cementing valves and cut off wellhead.** Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM stipulations

Fifield Com #1Z

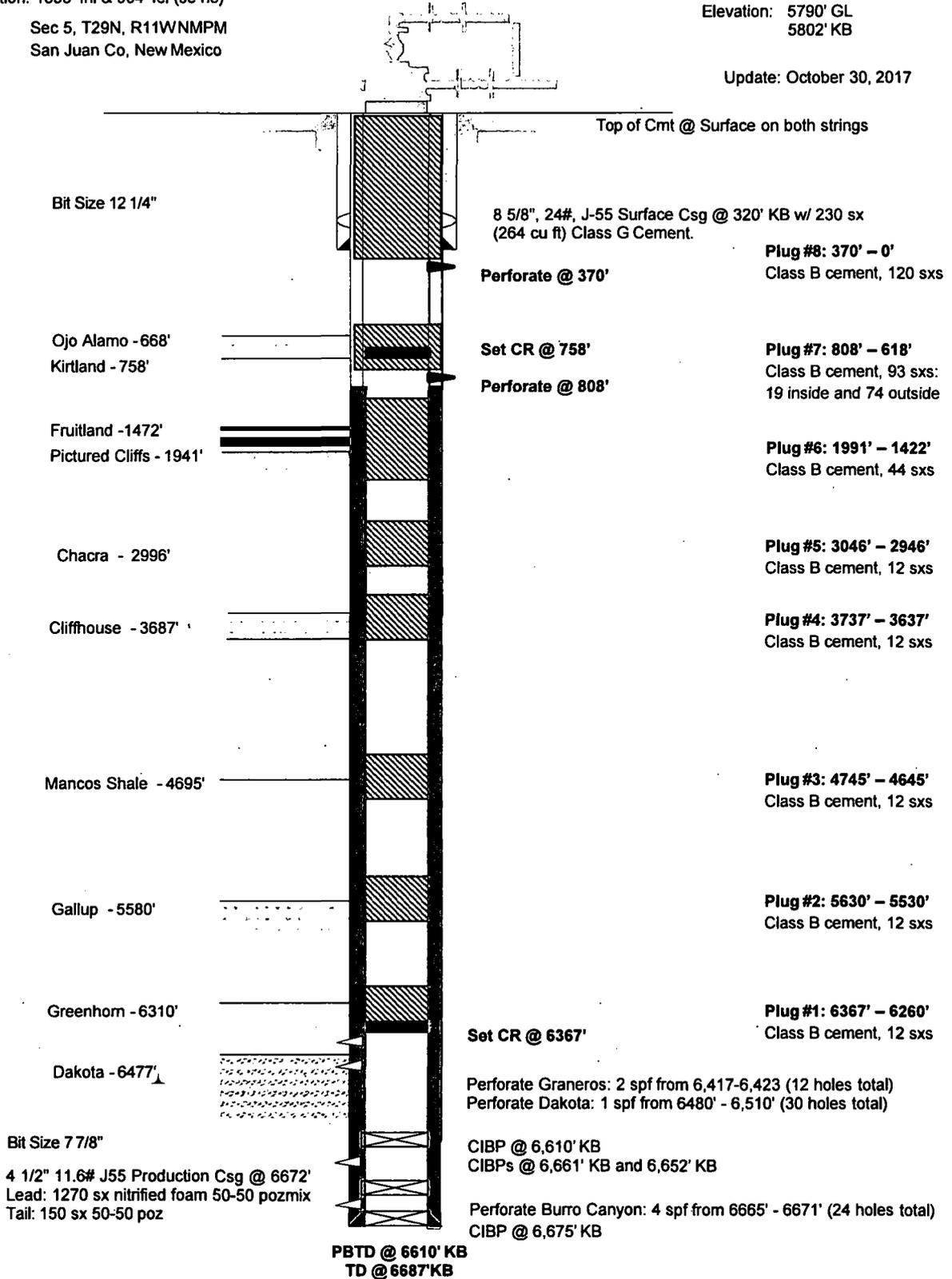
API 30-045-33975

Proposed Wellbore Configuration

Location: 1858' fml & 904' fel (se ne)
 Sec 5, T29N, R11WNMPM
 San Juan Co, New Mexico

Elevation: 5790' GL
 5802' KB

Update: October 30, 2017



Fifield Com #1Z

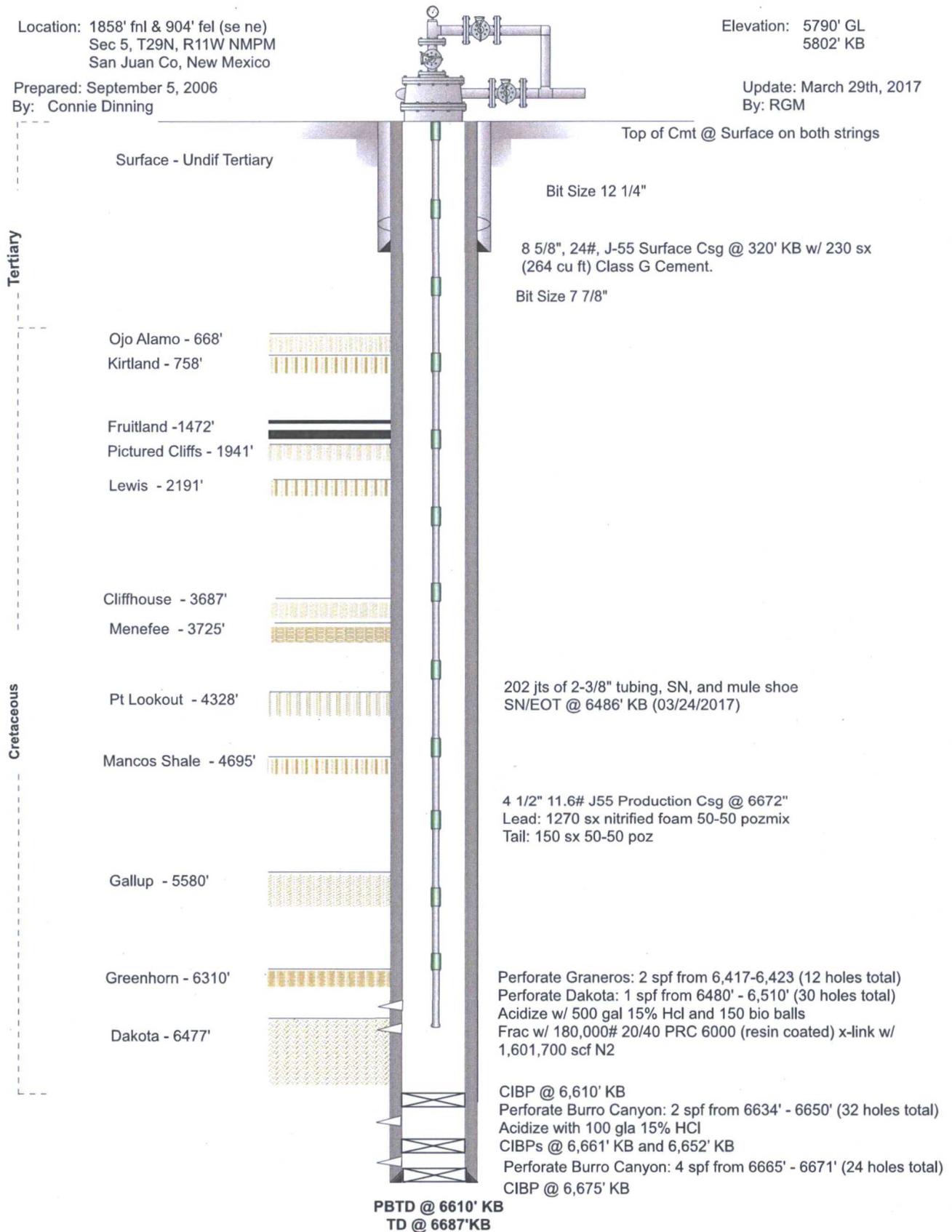
Current Wellbore Configuration

Location: 1858' fnl & 904' fel (se ne)
 Sec 5, T29N, R11W NMPM
 San Juan Co, New Mexico

Elevation: 5790' GL
 5802' KB

Prepared: September 5, 2006
 By: Connie Dinning

Update: March 29th, 2017
 By: RGM



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: Fifield COM 1Z

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
 - a) Set Plug #2 (5609 - 5509) ft. to cover the Gallup top. BLM picks Gallup top at 5559 ft.
 - b) Set Plug #3 (4730 - 4630) ft. to cover the Mancos top. BLM picks Mancos top at 4680 ft.
 - c) Set Plug #4 (3605 - 3505) ft. to cover the Cliffhouse top. BLM picks Cliffhouse top at 3555 ft.
 - d) Set Plug #6 (2021 - 1561) ft. to cover the Pictured Cliffs and Fruitland tops. BLM picks top of Pictured Cliffs at 1971 ft. BLM picks top of Fruitland at 1611 ft.
 - e) Set Plug #7 (806 - 595) ft. inside/outside to cover the Ojo Alamo interval and the Kirtland top. BLM picks top of Kirtland at 756 ft. BLM picks top of Ojo Alamo at 645 ft.

Operator will run CBL to surface to identify TOC. Submit the electronic copy of the log for verification to the following addresses: jwsavage@blm.gov Brandon.Powell@state.nm.us

Low concentrations of H₂S (18 ppm – 20 ppm GSV) have been reported in wells within a 1 mile radius of this location.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.