

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021**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.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

3a. Address

3b. Phone No. (include area code)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

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

8. Well Name and No.

9. API Well No.

10. Field and Pool or Exploratory Area

11. Country or Parish, State

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input 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"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Subsequent Report	<input 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"/> Final Abandonment Notice	<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 recompleat 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 recompleat 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 detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

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)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: NENW / 990 FNL / 1650 FWL / TWSP: 26N / RANGE: 11W / SECTION: 21 / LAT: 36.477859 / LONG: -108.011963 (TVD: 0 feet, MD: 0 feet)

BLACKROCK C No. 1**November 21, 2021**

Work Detail: PU bit and scrapper. TIH to 6075' KB. Roundtrip and LD ~70 rods. SDOW.

November 22, 2021

Work Detail: Tbg: 0 psig, Csg 10 psig. Bled well down. Cont. laying down rods. LD 4 jts of tbg. (EOT @ 5,959'KB). TOO H w/ 94 stnds and LD bit and scraper. Secured location and SDON awaiting P&A approval

December 3, 2021

Work Detail: Csg 60#, blow down. PU CICR, TIH to 5920' KB and set (94 stands, LD 1jt). Wait on cement crew, TOO H LD stinger, TIH 8' off of CICR. Secure location, SDON.

December 4, 2021

Work Detail: Csg 30, tbg 0 psig, blow down well. RU cement equipment. Pump 25 bbls FW, no circulation, no pressure. Mix and pump 25 sxs (6.1 bbls slurry, 4 bbls mix) 14.6 ppg, Type 3 cement, spot on top of CICR, 250' plug, displace with 21.5 bbls FW at 8:45 am. PUH, LD 9 jts, stand back 25 stands. Attempt to reverse circulate, 20 bbls, no pressure, no circulation, TOO H w/ remaining 64 stands. SI, WOC. TIH tag TOC @ 5154' KB (514' higher than expected). Call at 1:48 pm with Monica Kuehling from NMOCD, approved plug and moving forward. Leo Pacheco with BLM on sight approved plug and moving forward. TOO H (9 stands out, LD 20 jts, 70 stands). PU CICR, TIH w/ 79 stands, LD 1 jt, PUH 23' leaving 8' in hole, set CICR at 4950' KB. Load hole w/ 69 bbls, circulate 26 bbls to clean up returns. Pressure test to 800#, fail, bled off. Mix and pump 10 sxs (2.4 bbls slurry, 1.6 bbls mix) 14.6 ppg, Type 3 cement, spot on top of CICR, 100' plug, displace with 17.5 bbls FW. PUH, LD 2 jts, 7 stands back. Reverse circulate 28 bbls (small amount of cement, cleaned up). Secure location, winterize lines, SD weekend.

December 7, 2021

Work Detail: Tbg/Csg 0 psig. Continue TOO H, LD setting tool. TIH w/ 77 stands, tag plug #2 with 7' out @ 4867' KB (17' below estimate, 33' above needed 4900' KB). PUH, LD 21 jts, pull up 4', EOT @ 4205' KB. RU cement, load w/ 4 bbls, circulate w/ 6 bbls, pressure test to 800#, fail. Mix and pump plug #3, 15 sxs (3.7 bbls slurry, 2.4 bbls mix) 14.6 ppg, Type 3 cement, balanced plug, 150' plug @ 10:30 am, displace with 14.5 bbls FW. PUH, LD 5 jts, 7 stands back. Reverse circulate 21 bbls (small amount of cement cleaned up, oil at the end). WOC. (move 9 jts from flatbed to float). TIH w/ 7 stands, 1 jt, and 10' to tag @ 4096' KB (37' deeper than estimated, 12.8' above needed 4105' KB). PUH, LD 55 jts (124 jts on float), EOT 2329' KB. RU cement, load w/ 3 bbls, circulate w/ 2 bbls. Mix and pump plug #4, 20 sxs (4.9 bbls slurry, 3.2 bbls mix) 14.8 ppg, Type 3 cement, balanced plug, 217' plug, displace with 7.5

bbls FW. PUH, LD 5 jts, 7 stands back. Reverse circulate 14 bbls (small amount of cement cleaned up). Secure location, winterize lines, SDON.

December 8, 2021

Work Detail: Tbg/Csg 0 psig. TIH w/ 7 stands less 11.8' to tag #4 @ 2162' KB (33' below estimate, 68' above needed 2230' KB). PUH, LD 10 jts, EOT @ 1857' KB. RU cement, load w/ 1 bbl, circulate w/ 3 bbls, pressure test to 800#, fail. Mix and pump plug #5, 20 sxs (4.9 bbls slurry, 3.2 bbls mix) 14.6 ppg, Type 3 cement, balanced plug, 200' plug @ 8:50 am, displace with 5.75 bbls FW. PUH, LD 6 jts, 7 stands back. Reverse circulate 10 bbls (small amount of cement cleaned up). WOC. TIH w/ 7 stands and 1 jt less 6' to tag @ 1691' KB (34' deeper than estimated, 77' above needed 1768' KB). PUH, LD tag jt and 6 jts, EOT @ 1477' KB. RU cement, load w/ 1 bbl, circulate w/ 4 bbls, pressure test to 800#, fail. Leo Pacheco with BLM on sight approved combining plug #6 and 7. Mix and pump plug #6/7 combo, 46 sxs (11.2 bbls slurry, 7.3 bbls mix) 14.6 ppg, Type 3 cement, balanced plug, 460' plug, displace with 3 bbls FW. TOO, LD 30 jts, 8 stands back (all tbg out). Dig out WH. Secure location, winterize lines, SDON.

December 9, 2021

Work Detail: Csg 0 psig, RU rig pump, load and pressure test csg to 800#, test held good. TIH to tag #6/7 combo @ 1068' KB (51' below estimate, 2' above needed 1070' KB). RU WL, set depth on KB, perf 3 shots @ 535' KB (cement stringer @ proposed 545', Leo Pacheco with BLM on sight approved depth). RD WL RU pump truck, injection 0.4 bpm @ 800 psig, pumped 0.5 bbls. Open BH to pit, injection broke over to 80 psig, pumped 6 bbls caught circulation, circulate 2 bbls. PU CICR, TIH w/ 8 stands, PUH 10' to set at 505' KB. Sting out, load w/ 0.5 bbls, circulate 2.5 bbls. Sting in, secure tbg, mix and pump plug #8, 78 sxs (19 bbls slurry, 12.5 bbls mix) 14.6 ppg, Type 3 cement, 55 sxs behind csg (BH circulated) 3 sxs below CICR, 20 sxs above, calculated TOC 305' KB. Displace w/ 1 bbl, TOO, LD 16 jts (all tbg on trailer). RU WL, set depth on KB, perf 3 shots @ 281' KB (collar @ proposed 286', Leo Pacheco with BLM on sight approved depth). RD WL, RU pump truck, load w/1.5 bbls, circulate 20 bbls to clean up returns. Mix and pump plug #9, 92 sxs (22.5 bbls slurry, 14.5 bbls mix) 14.6 ppg, Type 3 cement, circulate 29 sxs/7 bbls slurry/4.5 bbls mix to pit. Wash out hoses, ND BOP, pull off tbg hanger flange, and wait on welder. RU welder, cut off WH, cement at surface. Weld marker on, fill in celler w/ ~1 bbl cement, 9 sxs. Secure location, winterize lines, SDON.



Merrion Oil & Gas Corporation Wellbore Schematic

Blackrock C-1

Plugged Wellbore Configuration

Basin Dakota/ Devils Fork Gallup

Location: 990' fnl, 1650' fwl
Sec 21, T26N, R11W, NMPM
San Juan Co, New Mexico

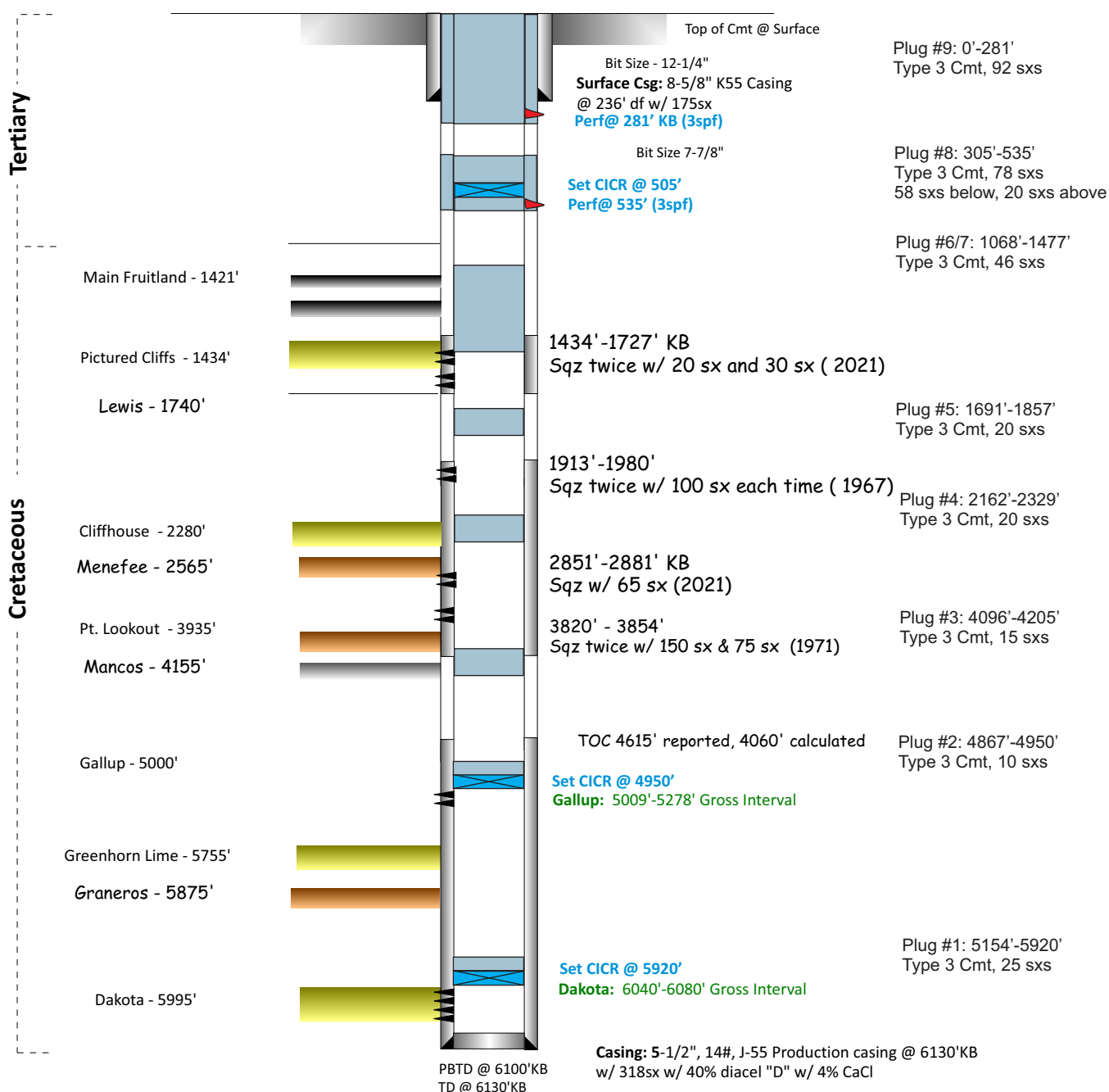
Elevation: 6214' DF

Date: 02-Jun-2005

API No: 30-045-05780

Updated: 12/10/2021 PPT

By: J. Ryan Davis



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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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CONDITIONS

Action 168283

CONDITIONS

Operator: MERRION OIL & GAS CORP 610 Reilly Avenue Farmington, NM 87401	OGRID: 14634
	Action Number: 168283
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 12/9/2021	1/4/2023
mkuehling	did not record daily pressures for bradenhead	1/4/2023