

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposalsRECEIVED
BLM
FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 199391 JUL 25 11:11 AM
NM-5980

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

DIST. 3
NOSTON, N.M.

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal 21 No. 1

9. API Well No.

10. Field and Pool, or Exploratory Area

Ojo Encino Entrada

11. County or Parish, State

McKinley, New Mexico

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Merrion Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 840, Farmington, New Mexico 87499

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

2310' FSL & 2310' FWL
Section 21, T20N, R5W

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

TYPE OF SUBMISSION

- ☒
- Notice of Intent
-
- ☐
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☒
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☐
- Other

- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plugging procedure attached for your approval. Plan to complete plug and abandon
by year end.RECEIVED
JUL 31 1991
OIL CON. DIV.
DIST. 3SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct

Signed George P. Sharpe
(This space for Federal or State office use)Title Production EngineerApproved by _____
Conditions of approval, if any:

Title _____

NM000

APPROVED

Date 7/25/91

JUL 29 1991

Date _____

AREA MANAGER
FARMINGTON RESOURCE AREA

Title 18 U.S.C. Section 1001, makes 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.

*See instruction on Reverse Side

MERRION OIL & GAS CORPORATION

PLUG AND ABANDON PROCEDURE

FEDERAL 21 NO. 1

2310' FSL & 2310 FWL
Section 21, T20N, R5W
McKinley County, New Mexico

- 1) MIRU. RIH with workstring open end to CIBP at 2280'. Spot 57 sx plug "B" with 50/50 poz and 6% gel (1.58 cu.ft.) across Menefee perfs (2058'-2268') to 1875'.
- 2) Tag cement top. Circ hole full of 9.0 ppg mud.
- 3) Pull to 265'. Spot 37 sx plug across casing shoe to surface. POOH.
- 4) Rig up to annulus. Bullhead \pm 10 sx (50') into 7" - 10-3/4" annulus.
- 8) Rig down and install P&A marker. Reclaim location.

NKM/GFS/eg
7/24/91

MERRION OIL & GAS

WELLBORE SCHEMATIC

WELL: FEDERAL 21-1

FIELD: OSD ENCINO ENTRADA

ELEVATION: 6775' G.L.

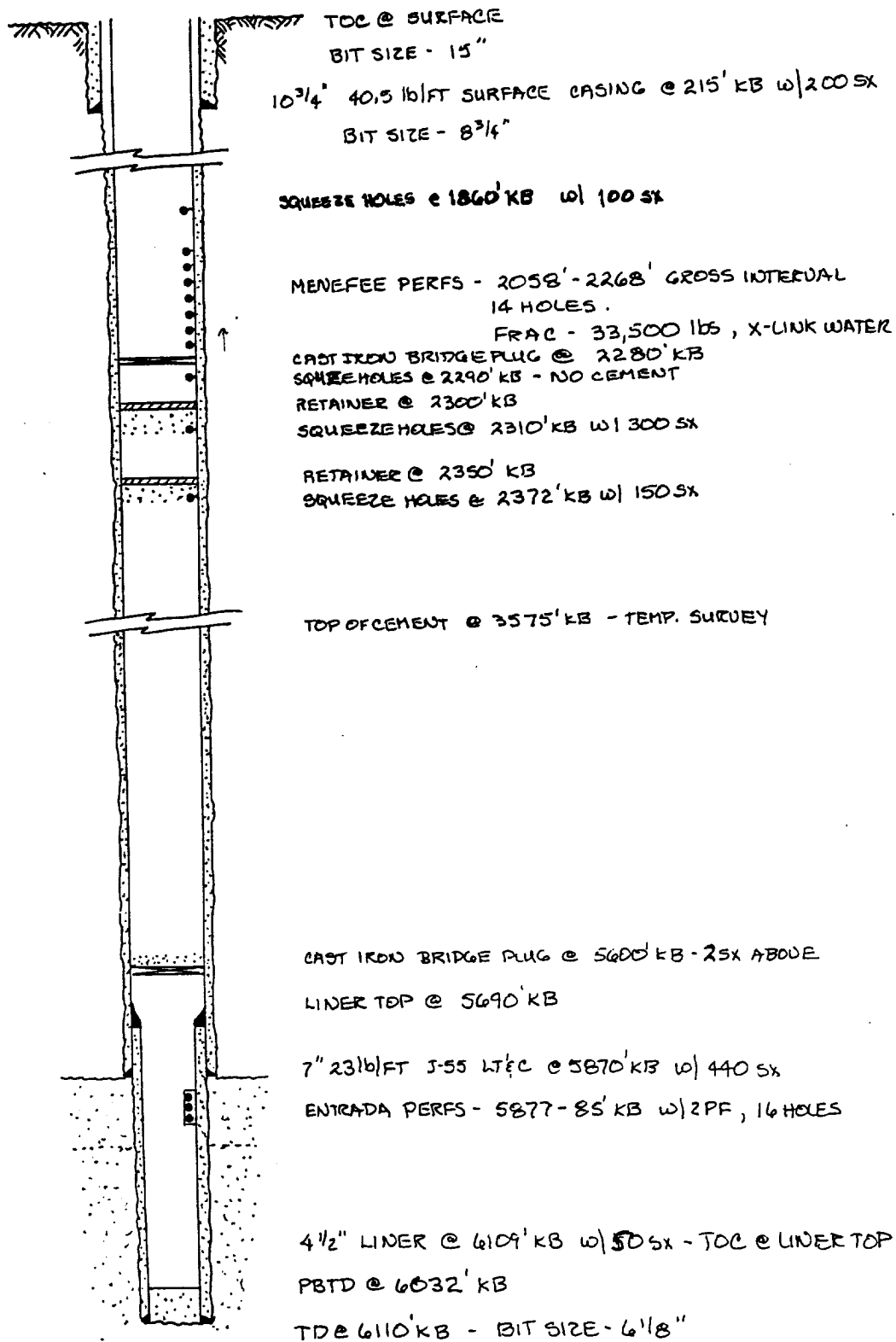
6787' K.B.

LOCATION: 2310' FSL & 2310' FWL

SEC 21, T20N, R5W

McKINLEY CO., NM.

BY: SSB 6/19/86



IN REPLY REFER TO
(019)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 1 Fed. 21

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Mick Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 326-6201.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):

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

GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON RESOURCE AREA

1. Secure prior approval either on a Sundry Notice (Form 3160-5) or verbally from the Fluids Drilling & Production Section at this office before changing the approved plugging program.

2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs. The Operator is responsible for providing all measuring devices needed to assure proper measurement of materials being used.

3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations. Unattended pits are to be fenced.

4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 100 feet in length with 50% excess inside casing or 100% excess when plug is set in open hole or squeezed into perforations. 15.6#/gal slurry weight is to be used when using class B neat cement or when CaCl_2 is used. Use the recommended slurry weight of other type cements when they are used (Class C, Pozzolan etc.).

5. Any cement plugs placed when well is not full of fluid, or when well may be taking fluid, (i.e. across perfs-unless bridge plug or retainer is used, across bad csg., or fresh water formations) will be tagged (touched) after cement has set to verify proper location.

5a. Testing The first plug below the surface plug shall generally be tested by either tagging the plug with the working pipe string, or pressuring to a minimum pump (surface) pressure of 1000 psig, with no more than a 10 percent drop during a 15-minute period (cased hole only). If the integrity of any other plug is questioned, it must be tested in the same manner. Also, any cement plug which is the only isolating medium for a fresh water interval or a zone containing a valuable mineral deposit should be tested by tagging with the drill string.

6. Mud must be placed between plugs. Plugging mud is to be made up with a minimum of 15 lbs/bbl of sodium bentonite, and a nonfermenting polymer. Minimum consistency of plugging mud must be 9 lbs/gal and with a minimum viscosity of 50 sec/qt. Fresh water is to be utilized for mixing mud.

7. Following the placement of a cement plug, the withdrawal rate for at least the length of the cement plug shall not exceed 30 ft/min, in order to minimize the contamination of the plug.