

Distribution:

Orig+4 (BLM); 1-Crystal; 1-Accounting; 1-Well File

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED
BLM MAIL ROOMFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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 proposals.

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

(505) 327-9801

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

790' FSL & 790' FWL
Section 5, T25N, R8W5. Lease Designation and Serial No.
NM-47168

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Custer Federal No. 19. API Well No.
30-045-2597410. Field and Pool, or Exploratory Area
Dufers Point Gallup-Dakot11. Country or Parish, State
San Juan,
New Mexico

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 See below

- ☐
- 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.)*

Merrion Oil & Gas Corp. requests approval to provide the BLM proof of commerciality for the Custer Federal No. 1

through the conduct of the attached workover. We are now working on the offset well and plan to move the rig on

location in the next two weeks to commence work. Merrion asks for a test completion deadline of August 31, 1994 to allow

us time to install a pumping unit and generate a good stable production test. If further is required, please advise.

RECEIVED
JUL 05 1994
OIL CON. DIV.
DIST. 3

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

Signed

Title

Operations Manager

Date

6/27/94

(This space for Federal or State Office Use)

Approved by

Conditions of approval, if any:

Title

Date

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

NWOOD

APPROVED

JUN 27 1994

DISTRICT MANAGER

MERRION OIL & GAS CORPORATION

Workover Procedure

26 June, 1994

Well: CUSTER FEDERAL NO. 1
Location: 790'fsl & 790'fwi (sw sw)
Sec 5, T25N, R08W
San Juan County, New Mexico

Field: Dufers Pt GIp/Dkta
Elevation: 6,414' RKB
6,401' GR
By: Steve Dunn

Procedure:

Prepare Pumping Unit & Rod String

1. Prepare pumping unit and rod string for installation on well, prior to move-in.
2. Empty stock tank on location and use for Frac tank.

Isolate Graneros Perfs & Swab

1. Move in, rig up. Blow down tubing and casing. Install BOPs.
2. Unset tubing, run in hole and tag fill.
3. Pull out of hole with 176 joints of 2 3/8" production tubing. (Tally out of hole)
4. Pick up 4 1/2" retrievable casing packer. Run in hole and isolate Graneros perfs: 6,342' - 6,360'RKB.
5. Swab test and measure stabilized fluid inflow and gas rate.
6. Unset 4 1/2" bridge plug, pull out of hole and lay down. Run in hole with retrievable casing packer, isolate Graneros perfs: 6,342'-6,360'.
7. Swab Graneros down and test for inflow.

Pump Nitrified Acid *(Acid Job is Optional)*

1. If general inflow is unacceptable, pump nitrified acid system to clean up as follows:
 - Pump 1,000 gallons 15% HCL with 500 SCF/BBL Nitrogen and 2 gal/Mgal Corrosion Inhibitor, 3 gal/Mgal Foaming Agent, 3 gal/Mgal Surfactant/Suspender, 5 gal/Mgal Iron Control, 5 gal/Mgal Concentrated Acetic Acid, 1 gal/Mgal Aqua flow Surfactant.
 - Flush to bottom perforation with 38.5 quality Nitrified 2%KCL water.
2. Flow back, and test for inflow.

Pump X-Link Gel Foam Frac

1. Pull out of hole with casing packer.
2. Pick up 4 1/2" casing packer and 2 7/8" Buttress N80 frac string and run in hole. Set packer above Graneros Perfs: 6,342'-6,360'.

3. Rig up Frac Company and pump X-Link Gel Foam frac job to be provided later. Monitor backside during frac for evidence of communication.
4. Flow back immediately following frac on a positive flow choke. Put to Tank overnight.

Clean Up and Return to Production

1. Test well and flow to clean up stimulation.
2. Unset packer. Pull out of hole with frac string and lay down.
3. Re-run production tubing string and install downhole pump on sucker rods to clean up well and provide lift for future production. Set production tubing below Graneros perms.
4. Put well on to pump and closely track production to evaluate and provide BLM with proof of commerciality.

Merrion Oil & Gas Corporation Wellbore Schematic

Custer Federal No. 1

Current Wellbore Configuration

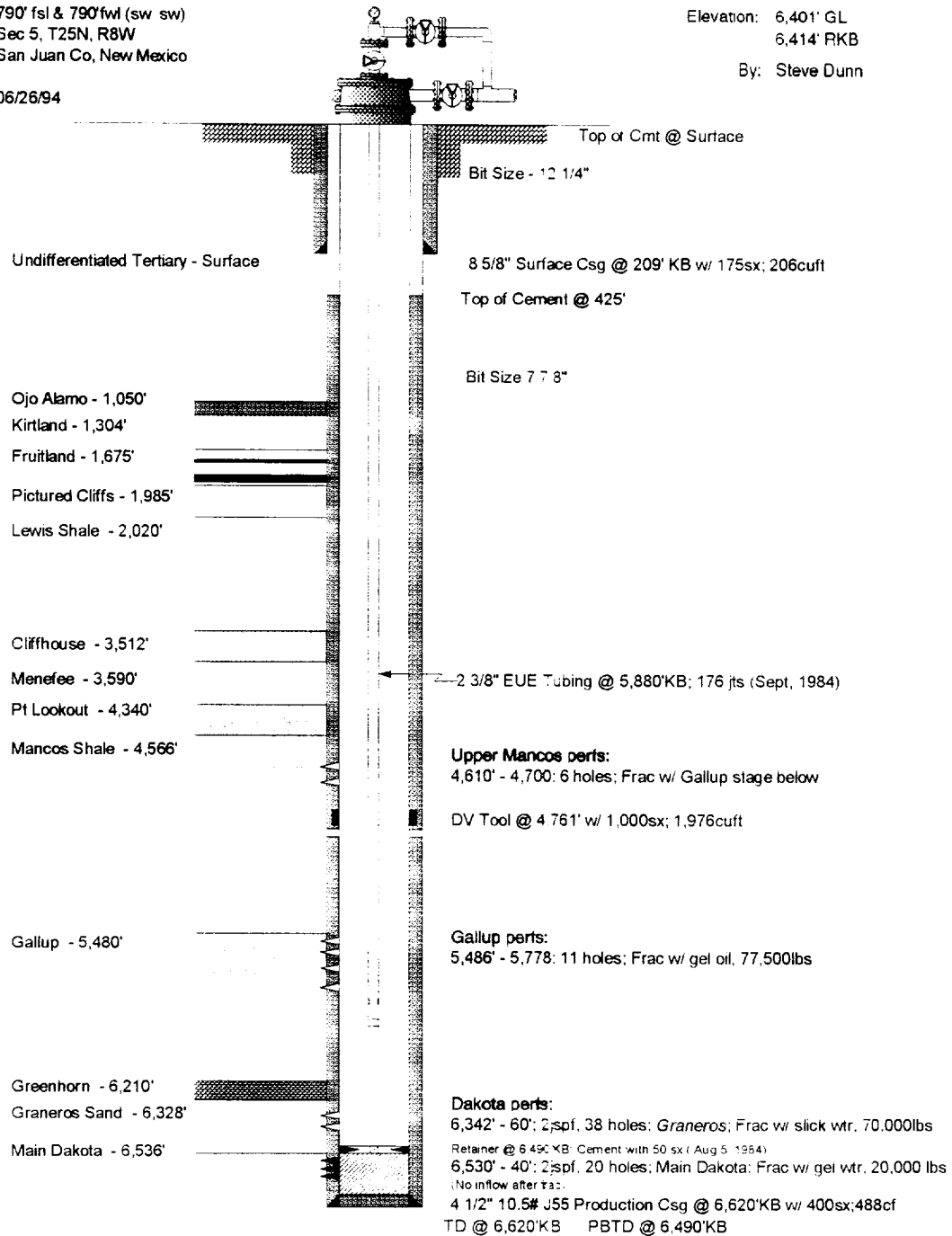
Location: 790' fsl & 790' fwl (sw sw)
Sec 5, T25N, R8W
San Juan Co, New Mexico

Elevation: 6,401' GL
6,414' RKB
By: Steve Dunn

06/26/94

Tertiary

Cretaceous



WELL DATA:

CUM GAS:
CUM OIL:
SPUD: May 29, 1884
COMPLETED: Sep 6, 1984

CURRENT SICP: 330 psig
CURRENT SITP: 0 psig
LINE PRESSURE: 60 - 100 psia
GAS TRANSPORTER: Merrion NOPT System