

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 (14634)

3. Address and Telephone No.

610 Reilly Avenue, Farmington, NM 87401-2634 (505) 327-9801

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

1562' fnl & 886' fwl (sw nw)
Section 5, T29N, R11W

5. Lease Designation and Serial No.

NM-98140

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

FiField Com No. 1E

9. API Well No.

30-045-29517

10. Field and Pool, or Exploratory Area

Aztec Pictured Cliffs

11. County or Parish, State

San Juan County,
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☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water(Note: Report results of multiple completion on
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 Corporation plans to recomple the subject well in the Aztec Pictured Cliffs formation and

commingle it with the Basin Dakota/Otera Chacra formations. Enclosed is a procedure for your approval.

There will be no new surface disturbance required.

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

Signed

George F. Sharpe

Title Engineer

Date 9/20/99

(This space for Federal or State office use)

Approved By

WAYNE TOWNSEND

Title

A. T. C.

Date

9/27/99

Conditions of approval, if any:

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.

Merrion Oil & Gas Corporation

Recompletion Procedure

August 25, 1999

Well:	Fifield Com 1E	Field:	Aztec Pictured Cliffs
Location:	1562' fnl & 886' fwl (sw nw) Sec 5, T29N, R11W San Juan County, New Mexico	Elevation:	5849' GL 5862' KB
		By:	George Sharpe

Procedure: *(Note: This procedure will be adjusted on site based upon actual conditions)*

Before Move-In

1. Order in frac & flow back test tank. Fill frac tank w/ $\pm$ 400 bbls 2% KCl city water (refer to fracture stimulation design for required useable volume).
2. RU slick-line & check for fill across DK.

Move In Rig – Perforate Pictured Cliffs

1. Move in, rig up completion unit. RD wellhead. RU BOPs. **DO NOT KILL WELL!!**
2. Tally out of hole w/ tbg.
3. RU wireline company & lubricator. WL set RBP at $\pm$ 2200'.
4. TIH w/ 2-3/8" tbg. Load hole w/ 2% KCl. Press test csg to 3500 psi. Top RBP w/ 5 gal sand.
5. Pull to $\pm$ 2075'. Spot 100 gal 15% HCl w/ additives from 2075' to 1975'.
6. Pull up hole to 1700'. Blow hole dry w/ N₂. TOH.
7. Perforate Pictured Cliffs Formation from 2060'-2070' per array induction log w/ 3-1/8" csg guns, 4 spf at 120 deg, total of 40 holes 0.34" in diameter.

Fracture Stimulation

1. RU Frac crew. Fracture stimulate the PC formation with 20# linear gel w/ 70 quality foam at 30 BPM and 80,000 lbs of 20/40 mesh Brady sand (detailed design attached).
NOTE: Do not pump in and shut down. When pumping begins, stay on it until the job is complete. Do not exceed 3500 psi.
2. Shut well in. RU flowback manifold to test tank. Open well as soon as possible. Blow back on 1/4" positive flow choke. Flow well until it dies.

Install Production Tubing

1. Pick up retrieving head and TIH w/ 2 3/8" tubing. Tag up on sand fill. Circulate sand from well using air or N₂. Retrieve RBP and TOH.

2. TIH w/ MA, SN & tbg. If noted sand fill across DK w/ previous wireline run, circ fill out of hole w/ air or N2.
3. Land tubing at $\pm 6680'$ KB. Nipple down BOPs, nipple up wellhead.
4. Put well on to production.

Services

Frac - BJ

Wireline - Bluejet

Attachments:

1. Wellbore Schematic.
2. Log sections
3. Fracture stimulation design.

Merton Oil & Gas Corporation

Wellbore Schematic

Fifield Com #1E

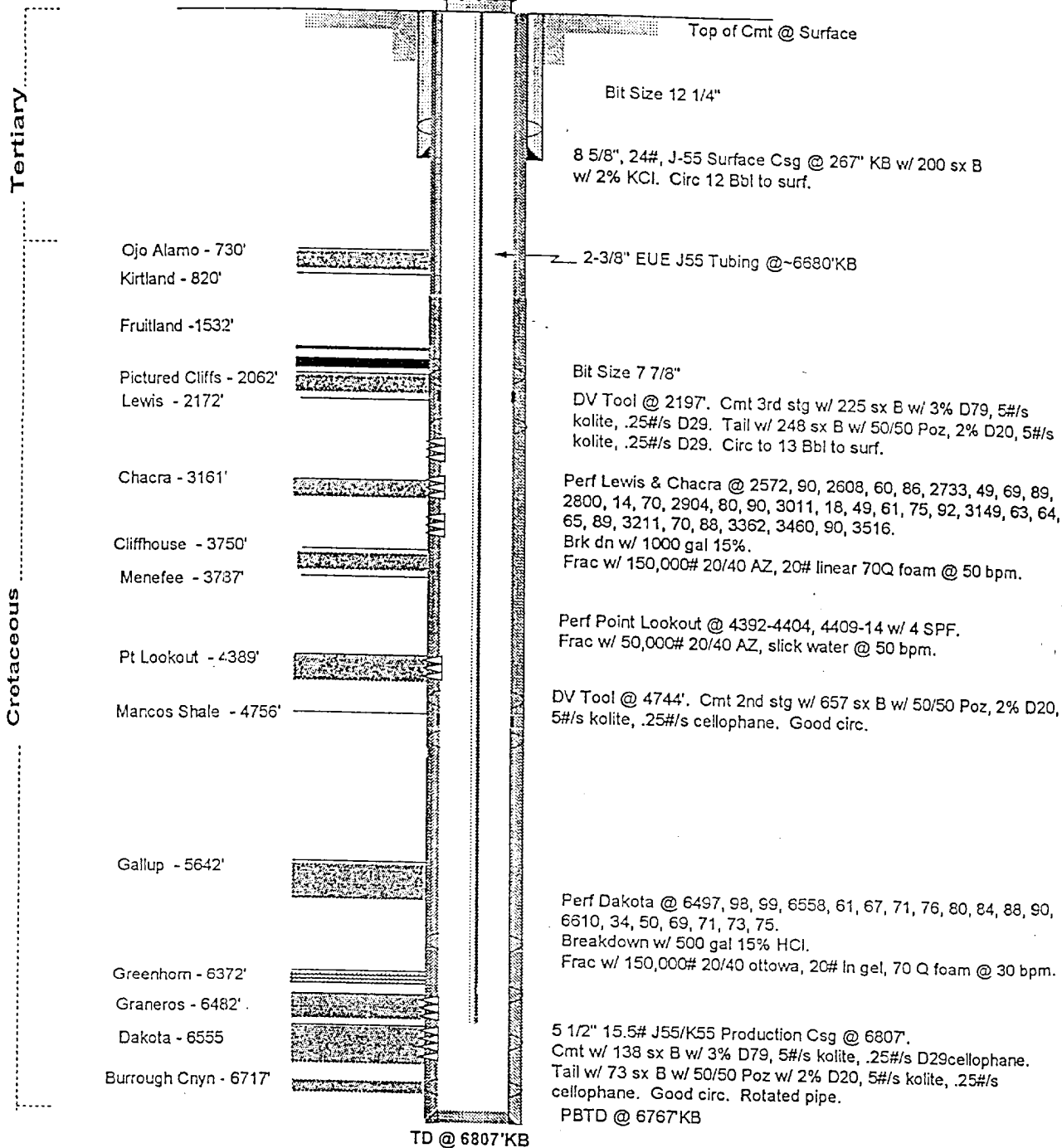
Proposed Wellbore Configuration

Location: 1562' fml & 886' fml (sw nw)
Sec 5, T29N, R11W NMPM
San Juan Co, New Mexico

Prepared: August 21, 1998

Elevation: 5849' GL
5862' KB

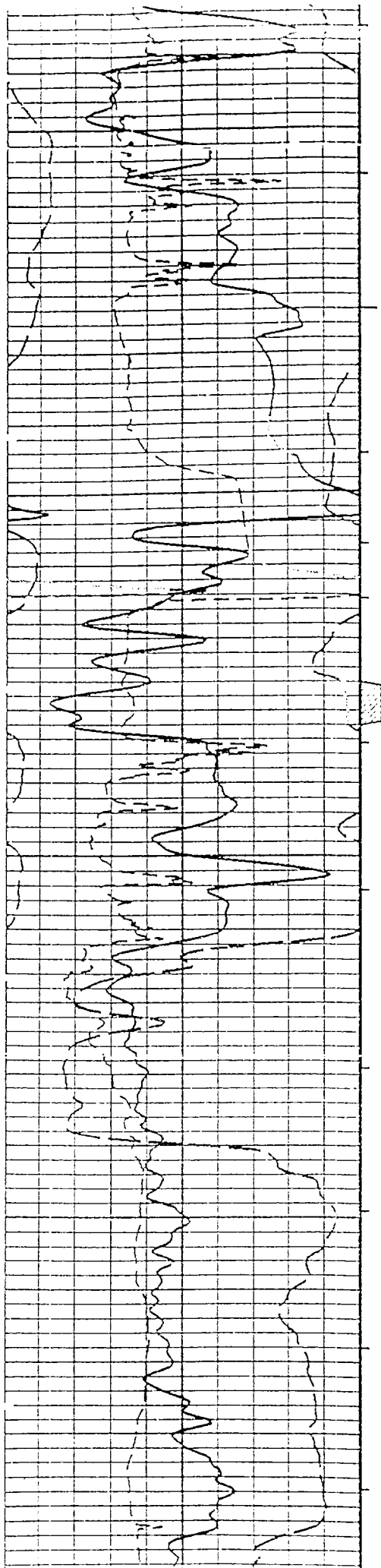
By: George Sharpe



5-1/2" capacity = .0238 Bbl/ft = 42.02'/bbl

2-3/8" capacity = .00387 bbl/ft = 258.4'/bbl

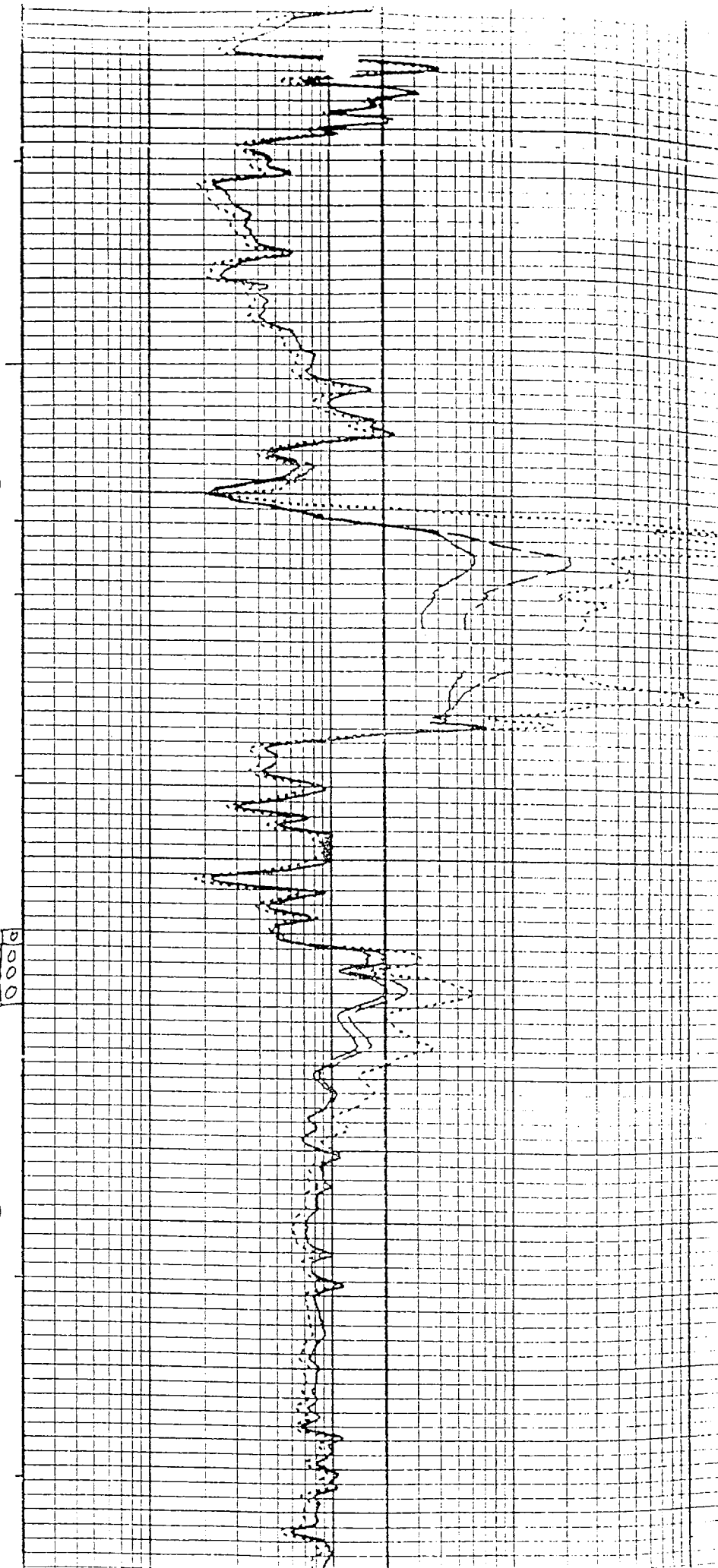
Annular capacity = .0183 bbl/ft = 54.6'/bbl



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