P. O. Box 840, Farmington, New Mexico 87499 Location of Well (Footage, Sec., T., R., M., or Survey Description) 1850' FNL & 990' FWL Section 8, T25N, R8W CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Adamagonment Recompletion Subsequent Report Plugging Back Cassing Repair Altering Casing Other Stimulate Differs Point Gallup-Dakot 11. County or Parish, State San Juan, New Mexico 12. Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water Note: Report results of multiple completion on well	Distribution: 0+4 (BLM); 1-0	rystal; 1-Earleen; RL Bayless; V	Well File
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Merrion requests approval to conduct the work detailed on the attached workover to return this well to production on a sustainable basis. DECEIVED MAY 3 1 1994 OILL CON- DIVE Signed Title Operations Manager Date 5/18/94 Title Operations of approval. if any:			(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log torm.)
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MERRION OIL & GAS CORPORATION

Workover Procedure

May 3, 1994

Well: Location: SOB FEDERAL NO. 1 1850'fnl & 990'fwl (sw nw)

Sec 8, T25N, R08W San Juan County, New Mexico Field: Dufers Pt Glp/Dkta Elevation: 6,454' RKB

6,441' GR

By: Steve Dunn

Procedure:

Isolate Main Dakota Perfs & Test

- 1. Move in, rig up. Recover plunger. Blow down tubing and casing. Install BOPs.
- 2. Pull out of hole with 2 3/8" production tubing. Remove plunger lift equipment.
- 3. Pick up 4 1/2" retrievable casing packer. Run in hole and isolate Main Dakota perfs: 6,580'-6,590'.
- 4. Swab test and measure stabilized fluid inflow and gas rate.
- 5. If Main Dakota producing primarily water, plug off perfs by setting a drillable bridge plug above perfs at 6,550'KB.

Isolate Upper Mancos Perfs & Test

- 6. Pick up 4 1/2" bridge plug and retrievable casing packer. Run in hole and isolate Upper Mancos perfs: 4,632'-4,658'KB.
- Swab test and measure stabilized fluid inflow and gas rate.
- 8. If Upper Mancos producing primarily water, plug off perfs by spotting and squeezing with cement.
- 9. Drill out cement and dry test perfs.

Isolate Graneros Perfs & Swab

- 10. Unset 4 1/2" bridge plug, pull out of hole and lay down. Run in hole with retrievable casing packer, isolate Graneros perfs: 6,373'-6,404'.
- 11. Swab Graneros down and test for inflow.

Pump Nitrified Acid (Acid Job is Optional)

- 12. 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.
- 13. Flow back, and test for inflow.

Pump X-Link Gelled Water Frac

- 14. Pull out of hole with casing packer.
- 15. Pick up 4 1/2" casing packer and 2 7/8" Buttress N80 frac string and run in hole. Set packer above Graneros Perfs: 6,373'-6,404'.
- 16. Rig up Frac Company and pump X-Link Gel Water frac job to be provided later.
- 17. Flow back immediately following frac. Put to Tank overnight.

Clean Up and Return to Production

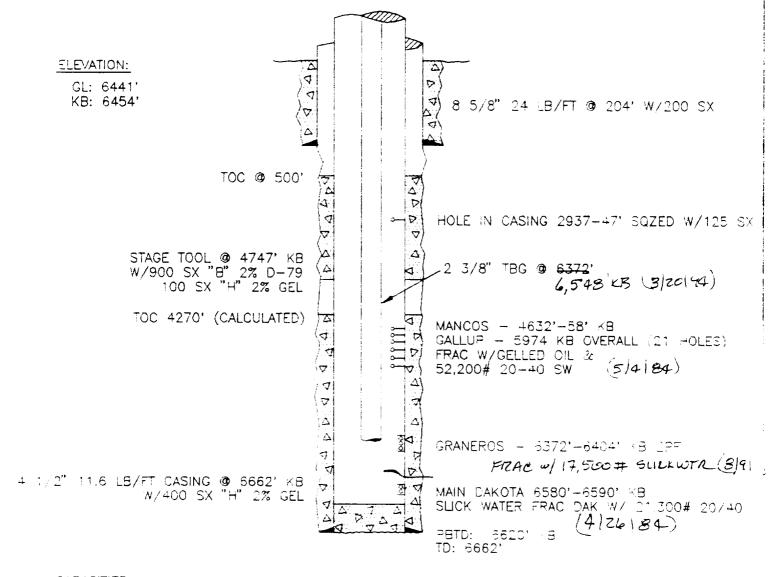
- 18. Test well and flow to clean up stimulation.
- 19. Unset packer. Pull out of hole with frac string and lay down.
- 20. Re-run production tubing string and re-install downhole pump on sucker rods if necessary to clean up well.
- 21. Put well on to flow or pump and closely track production to evaluate.

WELLBORE SCHEMATIC

SOB FED. #1

1850' FNL & 990' FWL SECTION 8, T25N, R8W SAN JUAN COUNTY, NEW MEXICO

ENG: G.F. SHARPE DRFT: M.E.G. DATE: 8-7-91



CAPACITIES:

^{4 1/2&}quot; -7 3/4" ANNULUS = .2171 GU FT/FT 4 1/2" CAPACITY .0872 GU. FT/FT