UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED BLM

1a. TYPE OF WORK PIUG BACK 1b. TYPE OF WELL GAS 2. OPERATOR MERIDIAN OIL INC. 3. ADDRESS & PHONE NO. OF OPERATOR P.O. BOX 4289 FARMINGTON, NM 37499 (505) 326-9700 4. LOCATION OF WELL 1090' FNL, 1840' FNL 11. DISTANCE IN MILES FROM NEAREST TOWN 14. DISTANCE IN MILES FROM NEAREST TOWN 15. ACRES IN LEASE PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE. 18. DISTANCE FROM 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS FOR ON THIS LEASE. 21. ELEVATIONS (DF, FT, GR, ETC.) 6640' GR PROPOSED LOCATION TO NEAREST WELL DR. COMPL., OR APPLIED FOR ON THIS LEASE. 22. APPROX. DATE WORK WILL STARE 6640' GR PROPOSED CASING AND CEMENTING PROGRAM **SEE OPERATIONS PLAN AUTHORIZED BY: REGULATORY AFFATRS DATE APPROVED BY TITLE DATE APPROVED APPROVED BY TITLE DATE TITLE DATE AMMO 433 6. IF INDIAN, MM 0453 6. IF INDIAN, ALL. OR TRIBE NAM MM 0453 6. IF INDIAN, ALL. OR TRIBE NAM MM 0453 6. IF INDIAN, ALL. OR TRIBE NAM MM 0453 6. IF INDIAN, ALL. OR TRIBE NAM MM 0453 6. IF INDIAN, ALL. OR TRIBE NAM MM 0453 6. IF INDIAN, ALL. OR TRIBE NAM HERMANGE NAME HURRANO UNIT 9. WELL NO. 215 10. FIELD, POOL, OR WILDCAT ANGEL PEAK GALLUP SECTION 9, T26N, RIOW 12. COUNTY 13. STATE SAN JUAN N.M. 15. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL 320.00 32		APPLICATION FOR PERMI	T TO DRILL, D	EEPEN,	OR PLUG BACK	All 9: 56		
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Submit to Assessment District Office State Lasse - 4 copies Foe Lasse - 3 copies

State of New Mexico Energy, Minerais and Natural Resources Department

RECEIVED C-102 BLM Royand 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM 88240 OIL CONSERVATION DIVISION
P.O. Box 2088
Sanza Fe, New Mexico 87504-2088

91 JUN 28 AM 9:56 010 FARGEMETON, N.M.

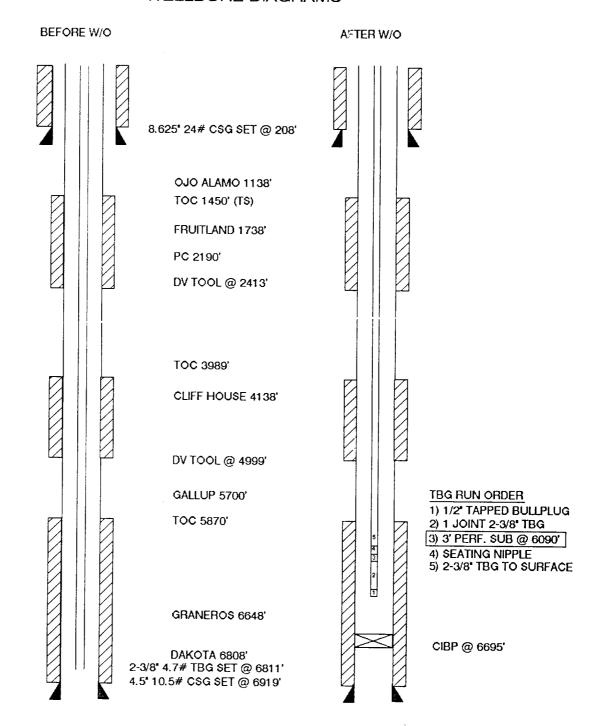
DISTRICT II P.O. DISWEY DD, Arlesia, NM 88210

DISTRICT III 1000 Rio Brans Rd., Aziec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

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HUERFANO UNIT #215 WELLBORE DIAGRAMS



RECOMPLETION PROCEDURE HUERFANO UNIT #215

NO WORK IS TO BE PERFORMED OR EQUIPMENT TO BE LOCATED OFF APPROVED WELL PAD

- Prepare location for workover. Set tanks and fill with water.
- 2. MOL and RU. NU BOP with flow tee and stripping head, and test. NU blowlines. Load hole with 2% KCl water.
- 3. TOOH with tubing. TIH with 4-1/2" casing scraper to 6695'. TOOH. TIH with CIBP and set at 6695'. TIH with 4-1/2" packer on 2 joints of tubing. Pressure test CIBP to 3800 psi. TOOH with packer.

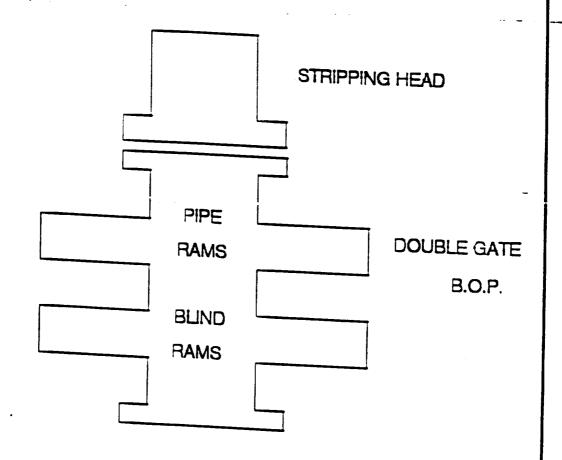
STAGE ONE

- 4. Perforate first stage. Shoot 2 SPF for a total of 66 holes over the following intervals: 5978-81', 5984-88', 5994-6001', 6009-19', 6072-77', 6081-85'
- 5. Wash perforations with HCl acid.
- 6. TIH with 4-1/2" fullbore packer on 2 joints of 2-7/8" tubing.
- 7. RU for fracture treatment. Hold safety meeting with all personnel. Pressure test surface lines to 4000 psi. Fracture treat first stage with nitrogen, sand, and water.

STAGE TWO

- 8. TOOH with packer. TIH with gauge ring. TOOH. TIH with top drillable bridge plug. Set at 5965'. TIH with 4-1/2" fullbore packer on 2 joints of 2-7/8" tubing.
- 9. Pressure test bridge plug to 3800 psi. Release pressure. TOOH with packer.
- 10. Perforate second stage. Shoot 2 SPF for a total of 58 holes over the following intervals: 5894-97', 5906-23', 5932-36', 5947-52'
- 11. Wash perforations with HCl acid.
- 12. TIH with 4-1/2" fullbore packer on 2 joints of 2-7/8" tubing.
- 13. RU for fracture treatment. Hold safety meeting with all personnel. Pressure test surface lines to 4800 psi. Fracture treat second stage with nitrogen, sand, and water.
- 14. Clean out upper zone until sand flow stops. Drill out top drillable bridge plug. Clean out lower zone until sand flow stops.
- 15. TIH with 1/2" tapped 2-3/8" bullplug, 1 full joint 2-3/8" tubing, 3' perforated sub, seating nipple, and 2-3/8" tubing to surface.
- 16. Test well for production capacity. After production capacity has been determined, design pump assembly.

WORKOVER / RECOMPLETION B.O.P. SCHEMATIC



MINIMUM: 6" 2000 PSI DOUBLE GATE B.O.P.

MAXIMUM ANTICIPATED SHUT-IN WELLHEAD

PRESSURE IS LESS THAN 2000 PSI