UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	APPLICATION FOR PERMIT TO	LL, DEEPEN, OR PLUG BACK
	TYPE OF WORK PLUG BACK TYPE OF WELL GAS OIL CON. DIV.)	5. LEASE NUMBER USA-SF-078081 6. IF INDIAN, ALL. OR TRIBE NAME
2.	OPERATOR Microlian Oil DIST. 3 EL PASO NATURAL GAS COMPANY	7. UNIT AGREEMENT NAME HUERFANITO UNIT
3.	ADDRESS & PHONE NO. OF OPERATOR P.O. BOX 4289 FARMINGTON, NM 87499 (505) 326-9700	8. FARM OR LEASE NAME 9. WELL NO. 32
4.	LOCATION OF WELL 990' FNL; 990' FWL	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL 11. SEC. T. R. M OR BLK. SEC. 33, T27N, R09W
14.	DISTANCE IN MILES FROM NEAREST TOWN	12. COUNTY 13. STATE SAN JUAN NM
15.	DISTANCE FROM 16. ACRES IN I PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE.	EASE 17. ACRES ASSIGNED TO WELL 320.00
18.	DISTANCE FROM 19. PROPOSED IN PROPOSED LOCATION TO NEAREST WELL DR. COMPL., OR APPLIED FOR ON THIS LEASE.	DEPTH 20. ROTARY OR CABLE TOOLS
21.	ELEVATIONS (DF, FT, GR, ETC.) 6485' GL	22. APPROX. DATE WORK WILL STAR
23.	PROPOSED CASING AND C	CEMENTING PROGRAM
24.	AUTHORIZED BY: Jugar Skol (cc) (ROS)	
PERM	IT NO APPROVAL DATE	
APPR	OVED BY TITLE	DATE
NOTE	: THIS FORMAT IS ISSUED IN LIEU OF US BI (NO ADDITIONAL DIRT WORK WILL BE REQUI	IN FORM 3160-3. APPROVED IRED) AREA MANAGER OCD
	NN CONTRACTOR NN	OCD PAREA MANAGER

Submit to Appropriate District Office State Lease - 4 copies For Lease - 3 copies

State of New Mexico Energy, Minerals and Natural Resources Department

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DISTRICT I P.O. Box 1980, Hobbs, NM 82240

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210 DISTRICT III

WELL LOCATION AND ACREAGE DEDICATION DI AT

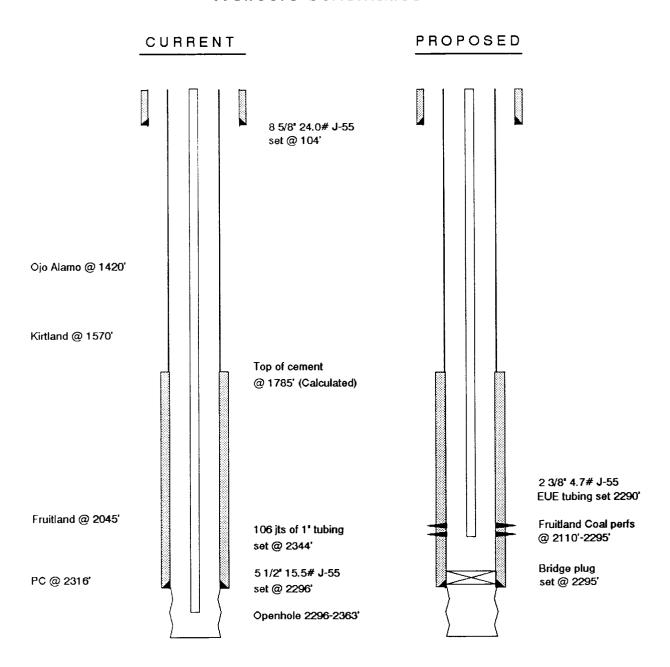
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Recompletion Procedure Huerfanito Unit #32

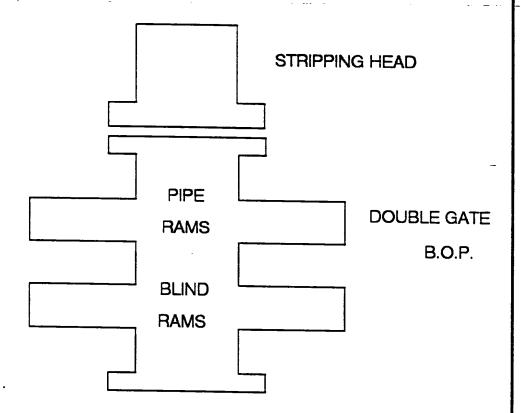
- 1. Prepare location for workover. Install / replace anchors as necessary.
- 2. MOL with workover rig, hold safety meeting, install safety signs and proper fire equipment at strategic points. Comply with all BLM, NMOCD, and MOI regulations.
- 3. Rig up blow lines, record tubing and casing pressures and blow well down. Kill well as necessary with water. ND tree and NU 6" 3000 psi BOP and stripping head.
- 4. TOOH and lay down 106 joints of 1" tubing set @ 2344'.
- 5. PU 2 3/8" 4.7# J-55 EUE tubing and TIH with 5 1/2" casing scraper. CO to the base of the 5 1/2" casing @ 2296'. TOOH.
- 6. RU wireline unit and set a 5 1/2" bridge plug @ 2295'. Pressure test casing to 1000 psi for 15 minutes. If casing fails, isolate casing leak(s) with a test packer. A squeeze procedure will be provided if the casing is determined to be repairable.
- 7. Use existing GR-Neutron-CCL log for perforating. Perforate the coal.
- 8. Breakdown the coal and evaluate. Fracture stimulate the coal if necessary.
- 10. Land 2 3/8" tubing with a common pump seating nipple one joint off bottom. Land tubing near bottom perforation. Record final 30, 45 and 60 minute gauges on morning report. Rig down and release rig.

Huerfanito Unit #32 NW/4 Section 33, T-27-N, R-9-W San Juan County, New Mexico

Wellbore Schematics



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