## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

	TYPE OF WORK PLUG BACK TYPE OF WELL GAS	5. LEASE NUMBER USA-SF-079937 6. IF INDIAN, ALL. OR TRIBE NAME
2.	OPERATOR MERIDIAN OIL INC.	7. UNIT AGREEMENT NAME
3.	ADDRESS & PHONE NO. OF OPERATOR P.O. BOX 4289 FARMINGTON, NM 87499 (505) 326-9700	8. FARM OR LEASE NAME TURNER HUGHES 9. WELL NO. 11
4.	LOCATION OF WELL  1750' FNL; 990' FEL	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL 11. SEC. T. R. M OR BLK. SEC. 10, T27N, R09W
14.	DISTANCE IN MILES FROM NEAREST TOWN	12. COUNTY 13. STATE SAN JUAN NEW MEXIC
15.	DISTANCE FROM 16. ACRES IN LE PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE.	ASE 17. ACRES ASSIGNED TO WELI
18.	DISTANCE FROM 19. PROPOSED DE PROPOSED LOCATION TO NEAREST WELL DR. COMPL., OR APPLIED FOR ON THIS LEASE.	PTH 20. ROTARY OR CABLE TOOLS
21.	ELEVATIONS (DF, FT, GR, ETC.) 6111' DF	22. APPROX. DATE WORK WILL START
23.	PROPOSED CASING AND CE	MENTING PROGRAM
24.	*SEE OPERATIONS PLANTHORIZED BY: MANAGERY (SHL) REGULATORY AFFAIRS	SEPI 41990 Page DATE
PERMI	T NO APPROVAL DATE	W. 2 3
APPRO	VED BY TITLE	DATE
NOTE:	THIS FORMAT IS ISSUED IN LIEU OF US BLM (NO ADDITIONAL DIRT WORK WILL BE REQUIRE	SEP 1 1 1990
	okc Jemoco	TOTAREA MANAGER

Schmit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

DESTRUCTION

### State of New Mexico Energy, Minerals and Natural Resources Department

Form C-162

P.O. Ber 1980, Hobbs, MM 20040

## OIL CONSERVATION DIVISION P.O. Box 2088

DISTRICT II P.O. Desser CO., Assess, NM 88210 Santa Fe, New Mexico: 87504-2088

VELL LOCATION AND ACREAGE DEDICA

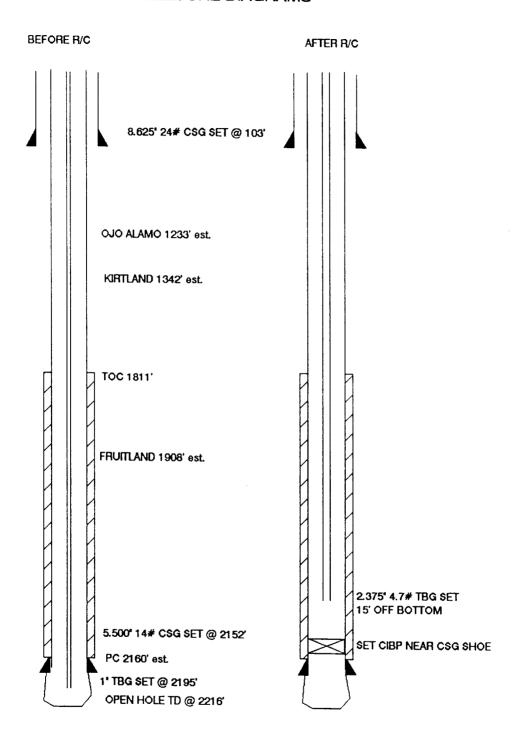
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#### RECOMPLETION PROCEDURE TURNER HUGHES #11

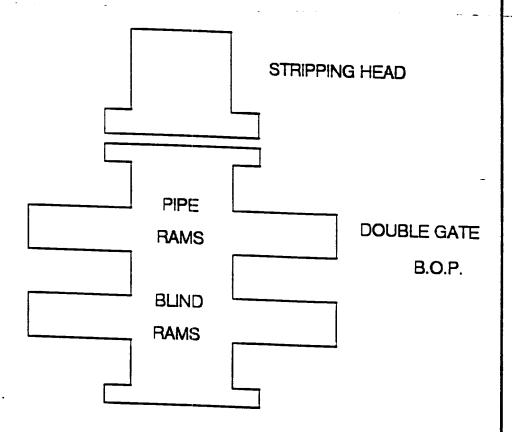
#### \*\*\*NO WORK IS TO BE PERFORMED OR EQUIPMENT TO BE LOCATED OFF APPROVED WELLPAD\*\*\*

- 1. Prepare location for workover. Install or 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.
- Rig up blow lines, record tubing and casing pressures and blow well down. NU 6" 3000 psi BOP and test. Load hole with water.
- 4. TOOH with tubing.
- 5. PU 5 1/2" casing scraper and TIH with 2 3/8" 4.7# J-55 EUE tubing. TOOH.
- 6. RU wireline unit and set a 5 1/2" CIBP near 2152'. Pressure test casing to 2500 psi for 15 minutes.
- 7. Run logs.
- 8. Perforate across the coal. Perforations to be picked from log.
- 9. TIH with tubing and swab wellbore dry. Check well for gas flow. Evaluate well overnight. Check well for buildup pressure and gas flow.
- 10. Evaluate well, and fracture stimulate if necessary.
- 11. Land tubing. Swab well in. Record final 30, 45 and 60 minute gauges on morning report. ND BOP. NU tree. Rig down and release rig.
- 12. Shut well in for pressure build up. Obtain gas and water sample for analysis.

# TURNER HUGHES #11 WELLBORE DIAGRAMS



### 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