

TEXAS PACIFIC OIL COMPANY

DRILLING PROCEDURE TP-105-11

DISTRICT AREA

Midland/West

LEASE NAME AND WELL NUMBER

State "A" A/C-2 #62

LOCATION

DATE

4/27/77

WELL NO

71508

FIELD

Jalmat (Gas)

1980' FSL & 2310' FWL, Sec. 11, T-22-S, R-36-E

COUNTY/PARISH

Lea County

New Mexico

INSTRUCTIONS: List on drilling report each lost circulation zone and amount of mud lost. List on Company reports all mud, chemicals, lost circulation material and oil used in drilling mud each tour. Strap drill pipe on first trip under surface and before logging, testing, or coring. Tool pusher will be responsible to obtain and to check all tallies on tubular goods received at well, as well as check accuracy on delivery tickets of other material delivered to well.

SUPERINTENDENT'S SIGNATURE

ENGR. APPROVAL

GEOL. APPROVAL

Casing Program	STRING	SIZE	LENGTH OF SECTION	WEIGHT	GRADE	THREAD	HOLE SIZE	ALLOWED CEMENT TIME-HRS
	Conductor Pipe	13 3/8	40'	48#	H-40	STC-8RD	17 1/2	-
	Surface Casing	8 5/8	800'	24#	K-55	STC-8RD	12 1/4	18
	Production Casing	5 1/2	3700'	14#	K-55	STC-8RD	7 7/8	18
	Tubing	2 3/8	3230'	4.7#	J-55	EUE	-	-

CEMENT PROGRAM
 For Conductor: Use Redi-Mix
 Surface Csg.: 250 sx. plus 250 sx. for 100% excess of "C" + 2% CaCl₂; 14.8 ppg; 1.32 ft.³/sx.
 Cmt. must circ.
 Production Csg.: See attached sheet.

MUD PROGRAM	DEPTH	TYPE	MUD WEIGHT	VISCOSITY	PH	WATER LOSS
	0-800	Fresh Water				
	800-2700	Brine Water	8.4-9.0	32-35	-	N.C.
	2700-3700	Water; prehydrated gel and starch	9.0-9.5 11.0-11.5	32-35 32-38	-	N.C. 8-10

DEVIATION FROM VERTICAL NOT TO EXCEED DEGREES PER FT NOT TO EXCEED 5° DEGREES AT TOTAL DEPTH

EXPECTED FORMATION TOPS	DESCRIPTION*	DEPTH	SUB SEA	LOGGING, CORING & TESTING PROGRAM
	Top Salt	1530	+2030	CNL-FDC-GR w/caliper, TD to 3000'
	Tansill	2900	+660	CNL-GR, TD-surface
	Yates	3050	+510	DLL-MCL TD-3000'
	Seven Rivers	3230	+330	

MUD SUPPLIER

TOTAL CONTRACT DEPTH

SAMPLE PROCEDURE

Every 10' from TD-3000'

MECHANICAL RATE OF PENETRATION YES NO

DEVICE REQUIRED

EQUIPMENT OR SERVICES MAY BE INSTALLED AT FOLLOWING:

EQUIPMENT

DEPTH

UNUSUAL PROBLEMS AND OR REMARKS

Offset information from State "A" A/C-1 No. 112 indicates well kicked at a depth of 3437'. The mud weight was raised from 10.1 to 11.4#/gal.

PERSONNEL

NAME & TITLE

CITY

OFFICE PHONE

RESIDENCE PHONE NUMBER

T. P. Frizzell - Geologist

Midland

915-684-5584

915-694-7944

M. L. Schroeder - Development Engineer

Midland

915-684-5584

915-684-9069

T. J. Waller - Regional Engineer

Midland

915-684-5584

915-682-5516

D. H. Wood - Drilling Engineer

Dallas

214-741-5933

214-368-6100

* TYPE POSSIBLE PRODUCTIVE HORIZONS IN CASE OF

RECEIVED

MAY 1 1977

OIL CONSERVATION COMM.
HOBBES, R. L.