

SAMEDAN OIL CORPORATION
WELL PROGRAM SHEET

WELL: Hughes "B-4" Well No. 14

FIELD: Langlie-Mattix

OPERATOR: Samedan Oil Corporation

ESTIMATED

TOTAL DEPTH: 3700'

OBJECTIVE: Penrose Sand

1. LOCATION: 990' FNL and 1850' FNL, Sec. 17, T-23-S, R-37-E,
Lea County, New Mexico

2. ELEVATION: 3316' (GL)

3. MEASUREMENTS:

All measurements will be taken from the Kelly Bushing. The permanent datum will be the bradenhead flange. The distance from the bradenhead flange will be recorded on the logs and drilling report. An instrument will be utilized to record drilling time.

4. HOLE SIZE: 11" from surface to 400'
7 7/8" from 400' to T.D.

5. HOLE DEVIATION: Maximum hole deviation will be 5°, limited to 1 1/2° per 100' interval. Deviation surveys will be run at least once each 500'. The results of each survey will be recorded on the daily drilling report.

6. ESTIMATED FORMATION TOPS:	Santa Rosa	600'
	Anhydrite	1140'
	Yates	2700'
	Queen	3370'
	Penrose Sand	3550'

7. DRILLING SAMPLES: Save One (1) set of formation samples at 10' intervals from 2000' to T.D., drilling time to be recorded by Geolograph. Also manually record 10' drilling time from 1000' to 3350' and one (1) ft. drilling time from 3350' to T.D. on drlg. time book

8. BLOWOUT PREVENTERS: (original and one copy)

Each run, 3000 p.s.i., hydraulic operated preventers will be installed on 8 5/8" csg. prior to drilling plug, equipped to Samedan's specifications.

9. DRILLING MUD:

0 to 400': Fresh water with gel sufficient to clean and stabilize hole prior to running 8 5/8" casing

400 to 3350': Water native mud. Circulate the reserve pit and use paper to control seepage.

3350 to T.D.: Use salt gel and starch to maintain following properties:

WT. - minimum

VIS. - 34 to 36 sec.

Fluid Loss - 20 to 30 cc.