



MITCHELL ENERGY CORPORATION

DRILLING PROGNOSIS

MEC #1 SCHROEDER
NW NW Section 8-T33S-R45W
Baca County, Colorado
(Campo Prospect)

RECEIVED

FEB 17 1981

COLO. OIL & GAS CONS. COMM.

LOCATION: 660' FNL and 660' FWL
Section 8, Township 33 South, Range 45 West

PROJECTED DEPTH: 6000' Mississippian

OBJECTIVE: Topeka "C" Limestone
Morrow Sands
Mississippian Spergen

ELEVATION: 4297'

ESTIMATED FORMATION TOPS: Pennsylvanian Topeka "C" - 3400'
Pennsylvanian Morrow - 4950'
Mississippian Spergen - 5800'

DVR	
FJP	
HHM	✓
JAM	
JJD	
RLS	
CRM	

- PROCEDURE:
1. MIRURT. Drill a 12-1/4" hole to + 1500'. Run 8-5/8", 24#, ST & C casing with a guide shoe, insert float collar, and centralizers on the 1st, 3rd, and 5th collars. Cement to surface with 50/50 POZ w/2% gel and 10% salt. WOC 12 hrs. (A MEC representative will not be on location.)
 2. NUBOP's Pressure Test casing and BOP to 1000 psi.
 3. Drill a 7-7/8" hole to T.D.
 4. At T.D., run open hole logs as directed.
 5. A) If well is productive, run 4-1/2", 10.5#, K-55, ST & C casing equipped w/guide shoe, float collar, and centralizers on the 1st, 3rd, 5th, and 7th collars. Cement as directed by MEC representative.
B) If non-productive, plug and abandon as per U.S.G.S. requirements.
 6. RDMORT.

DRILLING SAMPLES: One sack every 30 feet from surface to 1500'. One full sample sack, every 10 feet, from 1500' to T.D. Please send to Amstrat in Denver.

OPEN HOLE LOGS: Run a DIL from surface to T.D.
The CNL-FDC should be run from 2750' to T.D.

The density-porosity log should be calculated with a limestone Matrix (2.71). Both logs run at 2" = 100' and 5" = 100'.

DST's: DST all shows on open hole.

CORING: None anticipated.

SURVEYS: Surface hole every 100'. Deviation not to exceed 3° @ 1500', then every day to T.D. unless deviation problems occur; then more frequently as directed.

BOPE: Minimum U.S.G.S. requirements. BOP checked daily and recorded on tour sheets.

RECEIVED
FEB 17 1981

COLO. OIL & GAS CONS. COMM.

MUD PROGRAM:

Interval	Wt #/gal	Viscosity sec/qt	Fluid Loss Ml/30 mi	Type
0-1500'	8.4 - 9.2	28 - 32	NC	Gel/Lime
1500-2500'	8.6 - 8.9	28 - 34	NC	Gel/Lime
2500-4000'	8.8 - 9.0	32 - 36	25 - 30	Gel/Caustic
4000-5000'	9.0 - 9.1	36 - 42	15 - 20	Lightly Dispersed Gel
5000-6000'	9.1 - 9.2	45 - 55	10 - 15	Dispersed Gel

Water loss to be lowered before drilling the potential productive zones.

OTHER:

1. All tubulars delivered to location must be tallied twice; first a "threads on" and then the standard rig measurement or "threads off". Send both tallies to the Denver office immediately after pipe is run.
2. A supply of "pipe tally" and casing and cementing report forms have been furnished. Please fill out the forms completely for each string run and send to the Denver office.
3. One each week, and at rig release, send all Daily Drilling Reports, tour sheets, and delivery tickets for which MEC is responsible, to the Denver office. Delivery tickets must be signed.

REPORTING:

1. In case of emergency, please notify one of the following:

Mark McNamee	(303) 693-8322 (Home)
	(303) 861-2226 (Office)
Warren Little	(303) 772-3563 (Home)
	(303) 861-2226 (Office)

2. Daily Drilling Report; call each morning at 7:30 a.m.:

Greg Ethridge	(303) 798-2264 (Home)
	(303) 861-2226 (Office)
Mark McNamee	(303) 861-2226 (Office)
MEC Code-A-Phone	(303) 831-1131

3. On-site geologist:

John Husk	(303) 779-5720
-----------	----------------

NOTIFICATION:

Mitchell Energy Corporation	4 Field & 3 Final Logs
3200 Amoco Building	2 Copies of Analysis, DST,
1670 Broadway	Geological Reports, tests, etc.
Denver, Colorado 80202	Telecopy of logs - <u>ATTENTION:</u>
(303) 861-2226 - Office	Jim Colburn
(303) 582-5712 - Robert Rivers (home)	
(303) 795-7879 - Jim Colburn (home)	
(303) 795-0602 - Lee Harston (home)	

The following will receive 1 Field and 2 Final Copies of all logs, reports, DST's, analysis, etc.:

Mr. Cecil Brandon, O&G Operations
Mitchell Energy Corporation
Post Office Box 4000
The Woodlands, Texas 77380

Two copies of all forms and two copies of final logs to the following

Colorado Oil & Gas Commission
State Centennial Building
1313 Sherman Street, Room 721
Denver, Colorado 80203
Attention: Pat Rogers
(303) 892-3531