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GEOLOGICAL PROGNOSIS
L.W. Bailey #1-35
by
W.J. Pearson
(7-17-75)

GENERAL INFORMATION

Operator:	Michigan Wisconsin Pipe Line Company (100% W.I.)
Well Name:	L.W. Bailey #1-35
Location:	NW NW NW Section 35-T25S-R45W
Field:	Barrel Springs
County:	Prowers
State:	Colorado

PLANNING GUIDE

Contractor:	
Elevation:	4048 Ground Level by Powers Elevation Co., Inc.
Surface Pipe:	8-5/8" @ 350'
Estimated Total Depth:	5,300'
Production String:	4-1/2" @ approx. 5,300'
Sample Program:	10' Samples (wet) from 1500' - 4200' 5' Samples (wet) from 4200' - T.D.
Drilling Time Figured on <u>Drilling Time Pads</u> :	One foot drilling time from 1500' to T.D.
Cores:	Cut 60' core from approx. 4840-4900'
Drillstem Tests:	DST #1 at approx. 4850-4900' DST #2 at approx. 5100-5300'
Anticipated Tops:	Estimated Elev. 4058 KB Day Creek 1100 Blaine 1440 Stone Corral 1780 Wolfcamp 2250 Topeka 3370 Lansing-KC 3630 Des Moines 4170

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Anticipated Tops (Cont.):	Cherokee	4280
	13 Finger Lm.	4730
	Morrow	4820
	Upper Morrow Sd.	4850
	"Keyes" Sd.	5100
	Miss.-St. Gen.	5180

Logging Program: Logs by Schulumberger
 Dual Induction-Laterolog
 Simultaneous Compensated
 Neutron-Formation Density
 5" Coverage from T.D. up to 1500'
 2" Dual Induction Log coverage from T.D.
 up to surface casing.
Note: Run repeat for porosity logs over
 Morrow section using sandstone
 "matrix".

Mud-Logging Unit: None

Well-site Geologist: 4200' to T.D.

Notifications for Coring,
 Drillstem Testing and
 Logging:

Office Phone: 303-893-5517

1. W.J. Pearson
Home Phone: 303-986-4642
2. W.A. Wilson
Home Phone: 303-466-7232
3. C.F. Clark
Home Phone: 303-756-1278

Billing:

All reports and invoices to:
 Attn: Mr. C.F. Clark
 Michigan Wisconsin Pipe Line Company
 P.O. Box 2267
 Denver, Colorado 80201

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DRILLING PROGNOSIS

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WELL NAME: Bailey #1-35
LOCATION: Sec. 35 - T25S - R45W
Prowers County, Colorado

1. MIRU Rotary tools.
2. Drill 12-1/4" hole to \pm 400'.
3. Run 8-5/8" 24.0# K-55 S-T/C casing to total depth. Cement to surface with 225 sx 50/50 Pos mix, followed by 100 sx G neat. WOC 12 hrs.
4. NU 3000 psi W.P. double gate BOP's.
5. Drill 7-7/8" hole to TD at \pm 5300'. Zone of interest: Morrow.

Mud Program:

Native 400'-4200'

Mud up at 4200'

Weight: 9.0-9.2 #/gal

Viscosity: 40-45 sec/gt

raise vis to DST and log

Water Loss: 10 cc/30 min or less

Cores: 1 - 60' core at \pm 4840'

DST: 1 at \pm 4900'

Logs: DILL, CNL-FDC

6. Run 5-1/2" 14.0# and 15.5# K-55 S-T/C casing to total depth. Cement with 200 sx G neat.
7. RD M0 Rotary tool.

Completion prognosis will be prepared after evaluating cores, DST's and logs.

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