



00500695

DRILLING REPORT

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JAN 11 1973

WELL: Petro-Lewis 4-28 CLEAVESLOCATION: NW NW Section 28-T16S-R47W - Cheyenne County, Colorado

COLO. O.L. & GEO. SURVEY

ELEVATION: Gr: 4138' KB: 4147'OPERATOR: Petro-Lewis Corporation
Ste 1400, 1600 Broadway
Denver, Colorado 80202CONTRACTOR: Davis Drilling Co.
Lamar, Colorado

- 5-14-72 Depth 247' - Spudded 6:30 p.m. 5-13-72 - Ran 6 jts 8-5/8" (230.70')
Set @ 240' w/150 sx - PD 3:00 a.m. 5-14-72 - Cmt circulated
- 5-15-72 Drlg 1846' - Drld out plug 12:00 noon 5-14-72
- 5-16-72 Tripping 2516' - redbed and gyp
- 5-17-76 Drilling 2863' - redbeds
- 5-18-72 Drilling 3321'
- 5-19-72 Drilling 3655' - Mudded up @ 3450' - Mud 9.2# - Vis 32 - carrying 4#
lost circ material
- 5-20-72 No report
- 5-21-72 Circ @ 4386' (corrected depth) - had 120 unit over background gas kick
from drilling break @ 4374-81 - gas show consisted of ethane, methane,
propane & butane - circulated samples consisted of very fn grnd Ss and
loose 1mst oolites w/tr of show - broke from 5 & 6 min/ft to 1/2 min/ft -
strapped out and had 3' downhole correction.
- 5-22-72 Drlg 4395' - Ran DST #1 from 4349-4386' - 15" PF (fair to gd in 2") -
30" ISI - 60" FF - good blow throughout - 120" FSI - Recovered 1755' fluid -
95' mud and 1680' GCW - sul. odor - IHP 2142 - FHP 2119 - IF 291 - 392 -
FF 415 - 786 - ISI and FSI 1235 - RW .2 @ 65° - RM 1.5 @ 65°
- SAMPLE TOPS:
- | | | |
|--------------|-------|-----------------------|
| Stone Corral | 2512' | (45' high to Bergman) |
| Neva | 3202' | (22' high to Bergman) |
| Virgil | 3536' | (27' high to Bergman) |
| Topeka | 3646' | (26' high to Bergman) |
| Hebner | 3788' | (26' high to Bergman) |
| Marmaton | 4270' | |
- 5-23-72 Drlg 4619' - 1m & sh - Mud 9.4 - Vis 35 - WL 12.6
- 5-24-72 Trpg 4875' - Mud 9.5 - Vis 38 - WL 11.8 - SAMPLE TOP: Morrow 4778' (23' high
to Bergman) - no shows
- 5-25-72 Drlg 5100' - Mud 9.4 - Vis 39 - WL 11 - SAMPLE TOP: St. Louis 5066' (31' high
to Bergman - 16' high to Cleaves) - No por. yet - had scat. shows in Keyes Ss
@ 5014-18' - 5022-26' - 5034-40' - Ss, scat. dead asphaltic stain also some
bright, scat. stain in mod. intergran. por. - looked wet - gas kick at 5014-18
had 26 unit increase.



CLEAVES 4-28

NW NW Section 28-T16S-R47W
Cheyenne County, Colorado

5-26-72 Drlg 5158 - Mud 9.5 - Vis 60 - WL 11

SAMPLE TOP: Spergen 5104' (8' high to Bergman - 14' high to Cleaves)
5104-5108 - Ls pp por - fr cut - tite
5114-5130 - Dk brn sly succr arg in part dol, tr intextln por - could be
stain - no vis free or live oil - does have fluor & gives
good cut - str looks tite
Drlg time - 6 to 7-1/2"/ft - broke from 8-1/2 to 9"/ft
5130-5142 Light gy - fny succr dol - tite - can't see any por -
no gas kick

DST #2 - 5100-5158'
PF 15" - wk blow, increasing slightly
ISI 30"
FF 60" - wk throughout
FSI 120"
Recovered: 150' WCM - 360' Wtr - 90' MCW - RW .9 @ 60° - RMF 1.0 @ 60°
IHP 2530
FHP 2484
ISIP 1011
IFP 67 - 146
FFP 146 - 325
FSIP 1011
BHT 154°

5-27-72 No report

5-28-72 No report

5-29-72 P&A - Set 20 sx across bottom surf pipe @ 225-250' - set 10 sx in top of
8-5/8" surf pipe - Reached TD @ 3:00 a.m. 5-27-72 - started logging 10:00 a.m.
5-27-72 - Logger TD 5317' - Drlr TD 5320'

LOG TOPS:

Stone Corral	2514'
Neva	3200'
Virgil	3536'
Topeka	3646'
Hebner	3790'
Lansing	3866'
Marmaton	4270'
St Scott	4380'
Cherokee	4426'
Atoka	4636'
Morrow	4772'
St Louis	5048'
X Mkr	5116'
Spergen	5118'
Warsaw	5176'
Osage	5210'
St Joe	5262'
Misener	5304'