

PUBCO PETROLEUM CORPORATION
1 State 34 Well
HOLE DEVIATION SURVEY

JUL 19 7 25 AM '65

834' - 1 °	6,195' - 1/2 °	10,390' - 1 °
1,163' - 1/2 °	6,195' - 1/2 °	10,465' - 1 °
1,472' - 1 °	6,595' - 1 °	10,580' - 1 °
1,752' - 3/4 °	6,909' - 1 1/4 °	10,715' - 1 °
2,031' - 1 °	7,125' - 1 1/2 °	10,830' - 1 °
2,340' - 1/2 °	7,305' - 1 °	10,970' - 1 °
2,621' - 1/2 °	7,565' - 1 1/4 °	11,040' - 1 1/4 °
2,977' - 3/4 °	7,815' - 1 1/2 °	11,110' - 1 3/4 °
3,257' - 3/4 °	7,990' - 2 °	11,220' - 1 1/4 °
3,625' - 3/4 °	8,348' - 1 1/2 °	11,430' - 1 3/4 °
3,905' - 3/4 °	8,532' - 1 1/2 °	11,484' - 1 1/2 °
4,190' - 3/4 °	8,814' - 1 1/2 °	11,520' - 2 1/2 °
4,528' - 1 °	8,885' - 1 1/4 °	11,810' - 2 3/4 °
4,948' - 1/2 °	9,784' - 1 1/2 °	12,063' - 1 1/2 °
5,196' - 1/2 °	9,878' - 1 1/2 °	12,201' - 1 °
5,415' - 1/2 °	10,120' - 1 1/2 °	12,260' - 3/4 °
5,578' - 1/2 °	10,185' - 1 1/2 °	12,384' - 3/4 °
5,885' - 1/2 °	10,270' - 1 1/2 °	12,437' - 1/2 °
		12,810' - 2 °

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DRILL STEM TEST DATA

- DST # 1: 9400-9436. Rec. 90; oily wtr. 480 GC Oily wtr.
IHP 4339, ISIP 3668/30 min, IFP 87, FFP 261, FSIP 3517,
FHP 4318. Tool was op for 1½ hr w/ med blo thru-out.
- DST # 2 12,365 - 12,576. Op w/wk blo. Closed 10 min for 1 hr ISIP.
Re-op/ no blo. By-passed after 1 hr w/ wk blo for
20 min & died. Took 1 hr SIP & rec 350' drlg mud. +
2300' WB. IH 6370, ISIP 3253, IF 1367. Final flow 1801.
FSIP 3209, FH 6063, Max. temp. 168°.
- DST # 3: 12,576 - 12,621. Op 10 min, w/wk blo & died after
7 min. Took 1 hr ISIP. Re-op w/sli vacuum. Took
1 hr FF, 1 hr FSIP. Rec 62' drlg. mud. w/sli trace
oil. IH 6327, FF 1203, FH 6313, FSIP 4195, temp. 176°.
- DST # 4: 12,621 - 12,653. Op 10 min, w/wk blo. Closed 1 hr
for ISIP. Re-op 45 min w/no blo. Took 1 hr FSIP &
rec 2500 WB, 2' free oil on top, 270' OGCM. IH 6379,
ISIP 4509, FF 1066, FF 1111, FSIP 4374, FH 6379,
Temp. 170°.
- DST # 5: 12,653 - 12,800. Op w/ wk blo for 8 min & died. After
10 min took 1 hr ISIP. Re-op w/ no blo. Took 1 hr FSIP.
Rec 2650 WB, 50' drlg mud. Temp. 170°. IH 6819, FH 6475,
ISIP 1958, IF & FF 1284, FSIP 1617.
- DST # 6: 12,530 - 13, 000. Took 20 min IF, 1 hr ISIP, 3½ hr.
test. 2 hr FSIP. Used 25-30' WB, rec 90' more fluid
than used. Top Chart --- FHP 6751, ISIP 3706, IF &
FF 1279, FSIP 2495, FH 6327. Bottom Chart --- IH 7039,
ISIP 4042, FH 5550, IF 1819, FF 3781, FSIP 4303.
Declared no test.
- DST # 7: Straddle test 9895 - 9936. Op w/wk blo for 25 min.
Took 1 hr ISIP. Re-op 2 hrs w/ no blo. By passed &
op 1 hr/ no blo. Took 2 hrs FSIP, IH 5196, FH 5753,
ISIP 786, IF & FF 131, FSIP 64. Rec 300' drlg mud.

