



0188988

OPERATOR: E. DOYLE HUCKABAY, TRUSTEE

CONTRACTOR: Telect Drilling Company

FIELD: Wildcat

LOCATION: 60' North of C NE SW Section 22 - 5S - 59W

COUNTY: Arapahoe County, Colorado

ELEVATION: 5367 Ground, 5377 Kelly Bushing

SPUDED: May 15, 1973 - 8:00 P.M.

CASING: Surface - 3 5/8 inch set at 127 feet K.B. w/100 sacks of cement, 2% CaCl, good returns, plug down 9:15 P.M.

LOGS: Schlumberger - IES and FDC w/Caliper

CORES: None

DRILL STEM TESTS: One of the "J" Sand

COMPLETED: Drilling, logging and testing May 21, 1973. Permission to plug was obtained from the interested parties. State plugging instructions were: cement plug from 400 to 200 feet, 15 sacks of cement in & out of bottom of surface casing and 10 sacks of cement in the top of the surface casing.

MUD PROPERTIES: For logging; weight 10.0%, viscosity 75.

A 7 7/8 inch hole was drilled w/gel - chemical mud.

A drilling time recorder was on the rig and one foot drilling time kept.

Samples: 20 foot samples from 3200 - 4200 feet; 10 foot samples from 5200 w/some 5 foot in critical sections to total depth.

Samples were examined from 5200 feet to total depth.

Samples were circulated at the following driller's depths: 6153 & 6185 on trip for bit and 6225 driller's total depth.

Strapped Drill Pipe, board 5625, strap 5624, no correction.

Strapped Drill Pipe, board 6185, strap 6183, no correction.

FORMATION TOPS	LOG (IES)	SAMPLE or D.T.
Alabrara	5231	5214
Ft. Hays	5644	5646
Carlile	5634	? 5699
Greenhorn	5781	5783
Bentonite Marker	5993	? 6001
"D" Sand	6086 (-709)	6086
"J" Sand	6133 (-756)	6134
Total Depth	6224	6225

Sample descriptions are corrected to Log (ES) depths. Sample quality through the sand sections was fair to good.

"D" Sand 3086

- 3086 - 6107 Interbedded sand & gray-black silty-sandy shale: sand, gray-white, very fine-fine grain, SA-SR, micaceous, trace pyritic, part carbonaceous, little is medium quartzitic, mostly clay filled & shaly, traces of tan-brown sideritic silt, traces w/? slight porosity, mostly tight, no show.
- 6107 - 6125 Shale, light gray, carbonaceous, traces silty, traces of gray bentonite.
- 6125 - 6133 Shale, black, carbonaceous, few streaks of silt, gray, hard, micaceous, trace of gray bentonite.

"J" Sand 6133

- 6133 - 6141 Sand, gray-black shale laminations, gray-white, very fine-fine grain, SA-part SR, slightly S&P & glauconitic, part quartzitic, mostly clay filled-part shaly, tight, no show.
- 6141 - 6159.5 Interbedded shale, silty-sandy shale & shaly silt-sand: shale, gray-black, carbonaceous, part silty-fine sandy; sand, gray, silty-very fine grain, micaceous, glauconitic, carbonaceous & shaly, tight, no show.
- 6159.5 - 6166 Sand, white, very fine-traces fine grain, SA-SR, trace finely pyritic, little w/clay, most clean, low-fair p&p, very light to light stain, light yellow to part spotted blue fluorescence, mostly light to fair cut, little has tiny micro dark brown & black specks, probably water bearing.
- 6166 - 6178 Sand, buff-gray, very fine-fine grain, SA-SR, soft, sli. micaceous, few very fine carbonaceous fragments, heavy buff clay cement, tight, no show.
- 6178 - 6185 Sand, white, fine-medium w/little scattered medium coarse grain, SR, little is well compacted, little w/white clay cement, part loose sand grains, clusters mostly fair to good p&p, mostly no show, appears wet, no visible stain, very slight trace w/dull yellow fluorescence.
- 6185 - 6190 Shale, gray, micaceous, carbonaceous, little silty, part gray bentonitic.
- 6190 - 6224 Sand, gray-black shale laminations & mottled carbonaceous-shaly, gray, very fine-fine grain, SA-SR, S&P, glauconitic, traces pyritic, clay filled & shaly, tight, no show.

SCHLUBBERGER LOG ANALYSIS

Depth	Rt	Rw	% porosity	% water	Remarks
6134 - 6140	10	.17	10 - 11	100	shaly
6161 - 6165	25	.17	13	60	possible hydrocarbons
6169 - 6176	10	.17	16 - 18	75	clay filled
6130 - 6132	20	.17	11	85	shaly, water
6132 - 6134	20	.17	9	93	water

DRILL SHOW TEST

DST #1 6155 - 6170 (Virg's, straddle test after logs) open 10 minutes w/fair blow, shut in 30 minutes, open 60 minutes w/fair to good blow, shut in 60 minutes, Recovered 300' of gas in the drill pipe, 15 feet of oil, gravity 38 at 60 degrees, 880' of water, kv 1.1 at 30 degrees, 4300 ppm, IIP 3375#, first period FP 55 - 164#, ISIP 1530#, second period FP 203 - 406#, PSIP 1401#, FHP 3365#, bottom packer held, bled to 2250#, BHT 164 degrees.

DISCUSSION AND RECOMMENDATIONS

Test ran low structurally, in fact appears to be in a sink hole. A fair show was logged in the "J" Sand zone 6159.5 - 6166 feet. DST of the zone recovered some show and a fair amount of water.

It was recommended that the test be plugged and abandoned. Permission and instructions were obtained to plug and abandon.

DEVIATION RECORD

Depth	Degrees	Depth	Degrees	Depth	Degrees	Depth	Degrees
3058	2	3835	1/2	5625	3/4	6153	2
2200	3/4 wireline			3250	1 wireline.		

BIT RECORD

No.	Size	Make	Type	Jet Sizes	Depth Out	Footage	Hours
1	7 7/8	Reed	YT3AJ	3 - 1/2	3058	2928	15 1/2
2	"	Smith	DTJ	9/16, 9/16, 1/2	3835	777	10 3/4
3	"	HTC	O3C3	regular	4965	1130	10 3/4
4	"	HTC	O3C3	"	5625	660	11 3/4
5	"	Smith	DT	"	6153	528	17 3/4
6	"	Reed	YS4G	"	6185	32	6 1/2
7	"	Sec.	S4T	"	6225	40	3 1/2

Sincerely yours,