B006

GENERAL CRUDE OIL COMPANY

&

LOUISIANA LAND AND EXPLORATION

TRIBAL HUDSON 2-34

NW NE SEC. 34 T 1 S R 2 E

FREMONT COUNTY, WYOMING

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WELL DATA

OPERATOR:	General Crude Oil Company & Louisiana Land and Exploration
WELL NAME:	Tribal Hudson 2-34
LOCATION:	NW NE Sec. 34, T1S, R2E Fremont County, Wyoming
ELEVATION:	5550' GL, 5565' KB
SPUD DATE:	October 26, 1975 (8 am)
DRILLING COMPLETED:	November 15, 1975 (4 am)
CONTRACTOR:	Westburne Drilling, Inc. - Rig #58 Toolpusher: Earl Earnest
MUD COMPANY:	Mission Mud Control, Ltd. Alex Adamski and Gene Benson
CASING:	Ran 14 jts. 8 5/8" casing, cemented @ 625'
LOGS:	Schlumberger Engineers: Terry Taylor and Jim Martin
	Dual Induction Laterolog - 624-5322' BHC Sonic w/GR - 624-5324' Comb. Density Comp.-Comp. Neutron - 624-5324' Continuous Dipmeter - 626-5323'
CORES:	Hiller, Ron Lain
DRILL STEM TEST:	DST #1, 4185-4232' - Johnston, John Petrich
COMPANY REP.:	Mack Mahaffey
GEOLOGIST:	James P. Gillum
MUD LOGGING:	Tooke Engineering, Dan Jackson
TOTAL DEPTH:	Driller - 5350', Schlumberger - 5328'
STATUS:	P & A, November 17, 1975
SAMPLES:	American Stratigraphic Casper, Wyoming

CHRONOLOGY

10-26-75	Spud 8 am, drilled 12¼" hole to 625'.
27	Ran 14 jts. 8 5/8" 24# K55 ST&C casing, total 635.55', landed @ 625' KB, cemented w/442 sx Class G Cement w/20 bbl. SAAP Flush ahead 3% CaCl, good returns on cement. Plug down 6:30 pm, 85 sx excess to pit.
28	WOC and nippling up BOP. Tested BOP w/1000 psi for 30 min.
29	Drilling @ 861' w/bit #1.
30	Drilling @ 1460' w/bit #2.
31	Trip @ 2135' for bit #4.
11- 1-75	Depth 2515, welding tool joint on drill pipe in Rotary table. Gas kick of 40 units total gas @ 2515'.
2	Drilling @ 2792' w/bit #5.
3	Drilling @ 3179' w/bit #6.
4	Drilling @ 3570' w/bit #6.
5	Drilling @ 3856' w/bit #7.
6	Drilling @ 4225' w/bit #8. Conditioned hole to run DST #1. Strapped pipe, changed depth to 4221'.
7	Running DST #1, 4185-4232'.
8	Drilling @ 4440' w/bit #9.
9	Drilling @ 4579' w/bit #10, trip for bit #11 @ 4579'.
10	Drilling @ 4660' w/bit #11.
11	Drilling @ 4814' w/bit #12.
12	Circulating @ 4981' to condition hole and retrieve junk. Ran in hole w/Hiller diamond core head for Core #1.
13	Preparing to come out of hole w/Core #1, 4981-5035'.
14	Drilling @ 5190' w/bit #14. RR #12.
15	Reached TD of 5350' @ 4 am, trip out of hole for logging.
16	Ran Schlumberger Dual Induction tool. Hit bridge @ 5258'. Trip in hole to clean out bridges. Ran DIL and BHC SGR logs, running Density Neutron.
17	Running plugs.

CORE DESCRIPTION

Core #1	4981-5035' Cored 54', recovered 53'
4981 -4981.3	Shale, dark gray w/interbeds siltstone, gray, argillaceous
4981.3-4982.4	Sandstone, light gray, salt and pepper, sparkly, fine, subangular to subround, siliceous, glauconitic, slightly porous to tite, no odor, stain, cut or fluorescence w/few laminations of shale, dark gray
4982.4-4983.5	Sandstone as above w/laminae and thin interbeds 1/4" of shale as above (wavy bedding) very slightly bioturbated
4983.5-4984.7	Sandstone, light gray, very slightly salt and pepper, fine, subangular, very glauconitic, argillaceous, slightly porous to tite w/laminations of shale, dark gray
4984.7-4986.7	Sandstone, light gray, very fine to fine to silty, subangular, glauconitic, very calcareous, argillaceous, tite, no odor, stain, cut or fluorescence w/few laminations and pods of shale, dark gray
4986.7-4989	Sandstone, light gray, very fine to fine, subangular, glauconitic, argillaceous, tite, no odor, stain, cut or fluorescence w/two 2" interbeds sandstone, light gray, salt and pepper, fine to coarse, subangular, glauconitic, some white clay, argillaceous w/laminations of shale, dark gray
4989 -4990	Sandstone, light gray, very fine to fine, slightly salt and pepper, subangular, glauconitic, argillaceous, slightly porous to tite w/increasing laminations of shale, dark gray
4990 -4993.5	Sandstone, light gray, very fine to fine, subangular, glauconitic, argillaceous, tite w/laminae and interbeds and shale, dark gray, numerous borings in shale interbeds, no odor, stain, cut or fluorescence
4993.5-4995	Sandstone, light gray, very fine, subangular, slightly glauconitic, tite w/laminae and thin interbeds shale, dark gray, no odor, stain, cut or fluorescence
4995 -4996.7	Shale, dark gray w/laminations and thin interbeds siltstone, light gray, argillaceous
4996.7-4998	Sandstone, light gray, very fine to fine, subangular, slightly glauconitic, tite w/laminae and thin interbeds shale, dark gray, no odor, stain, cut or fluorescence
4998 -4999	Sandstone as above w/thin interbeds shale, up to 1/2", few borings
4999 -5002.5	Sandstone, light gray, salt and pepper, fine, subangular, very glauconitic, slightly porous to tite w/few thin interbeds and laminae of shale, dark gray, wavy bedding, becoming more shaley in bottom 6"
5002.5-5005.5	Sandstone, light gray, salt and pepper, fine, subangular to subround, very slightly calcareous, glauconitic, slightly porous to tite, no odor, stain, cut or fluorescence w/occasional interbeds shale, dark gray up to 1"

Core Description - 2

5005.5-5010	Shale, dark gray w/interbeds up to 2" of siltstone, light gray, some pyritized carbonized wood fragments
5010 -5012	Shale, dark gray, soft
5012 -5013.5	Sandstone, light gray, fine, subangular to subround, very argillaceous, tite, no odor, stain, cut or fluorescence w/laminae of shale, dark gray
5013.5-5016	Sandstone as above w/laminae of shale, dark gray, carbonaceous
5016 -5017	Shale, dark gray w/interbeds siltstone, light gray, argillaceous
5017 -5019	Shale, dark gray, soft, crumbly (lost 1' from this zone)
5019 -5022.5	Shale, dark gray, blocky
5022.5-5023.5	Sandstone, tan, fine to medium, subangular to subround, porous, scattered, carbonaceous debris, white clay matrix, porous, no odor, stain, cut or fluorescence
5023.5-5025.3	Sandstone as above w/abundant irregular inclusions of carbonaceous debris and coal, black, no odor, stain, cut or fluorescence
5025.3-5030.3	Sandstone, tan, fine to medium, subround, glauconitic, porous w/few scattered flat pebbles shale, dark gray, no odor, stain, cut or fluorescence
5030.3-5033.5	Sandstone, light gray, slightly salt and pepper, fine, subangular to subround, porous, no odor, stain, cut or fluorescence
5033.5-5034.4	Shale, dark gray w/interbedded siltstone, light gray, argillaceous

CHEMICAL & GEOLOGICAL LABORATORIES
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CORE ANALYSIS REPORT

Company General Crude Oil Company — Date November 14, 1975 — Lab. No. 18089
Well No. Tribal Hudson #2-34 — Location NW NE 34-1S-2E
Field Wildcat — Formation Muddy
County Fremont — Depths 4981-5035
State Wyoming — Drilling Fluid

LEGEND

C—Crack, F—Fracture, H—Horizontal, O—Open
NF—No Fracture
IS—Insufficient Sample
S—Slight, St—Stain, V—Vertical, Vu—Vugs

SAMPLE NO.	LEGEND	DEPTH, FEET	EFFECTIVE POROSITY PERCENT	PERMEABILITY MILLIDARCIES		SATURATIONS	
				HORIZONTAL	VERTICAL	% PORE SPACE RESIDUAL OIL	% PORE SPACE TOTAL WATER
		Core Number 1, 4981-5035, Recovered 54 Feet.					
1	VF	4981-82	10.2	1.72		0	69.6
2	NF	4982-83	11.8	0.05		0	61.0
3	NF	4983-84	10.6	0.02		0	65.1
4	NF	4984-85	17.9	6.98		0	78.2
5	NF	4985-86	0.3	-0.01		0	94.9
6	NF	4986-87	2.1	-0.01		0	98.1
7	NF	4987-88	17.5	1.97		Trace	62.1
8	NF	4988-89	16.3	1.30		0	61.2
9	NF	4989-90	18.3	2.20		0	60.6
10	NF	4990-91	14.2	0.08		0	67.3
11	NF	4991-92	12.1	0.03		Trace	68.1
		4992-4994, Shy Sand, Hard, Tite, No Analysis					
12	NF	4994-95	10.0	0.02		0	87.0
		4995-4997, Shy Sand, Tite, No Sat., No Analysis					
13	NF	4997-98	9.8	0.03		0	98.1
		4998-5000, Shy Sand, Tite, No Analysis					
14	NF	5000-01	18.4	1.23		0	65.3
15	NF	5001-02	14.3	3.39		0	83.2
16	NF	5002-03	15.8	0.02		0	67.7
17	NF	5003-04	10.5	0.06		Trace	80.2
18	VF	5004-05	5.3	-0.01		0	83.3
		5005-5012, Shale and Sdy Shale, No Analysis					
19	NF	5012-13	6.3	-0.01		9.1	79.6
20	NF	5013-14	4.6	-0.01		0	67.4
21	NF	5014-15	9.1	-0.01		5.4	92.7
22	NF	5015-16	2.9	-0.01		Trace	98.9
		5016-5022.5, Shale and Sdy Shale, No Analysis					
23	NF	5022.5-23	19.2	77		0	52.1
24	NF	5023-24	16.6	7.97		0	63.0
25	NF	5024-25	15.6	17		0	69.7
26	NF	5025-26	23.1	132		0	92.5
27	NF	5026-27	25.4	206		0	90.1
28	VF	5027-28	24.2	224		0	86.2
29	NF	5028-29	25.4	250		0	95.2

C—Crack
P—Fracture
H—Horizontal
O—Open

LEGEND

NF—No Fracture

IS—Insufficient Sample

S—Slight
St—Stain
V—Vertical
Vu—Vugs

SAMPLE NO.	LEGEND	DEPTH, FEET	EFFECTIVE POROSITY PERCENT	PERMEABILITY MILLIDARCIES		SATURATIONS		
				HORIZONTAL	VERTICAL	% PORE SPACE RESIDUAL OIL	% PORE SPACE TOTAL WATER	
		Core Number 1, (continued)						
30	NF	5029-30	25.4	192		0	89.1	
31	NF	5030-31	23.7	282		0	80.5	
32	NF	5031-32	20.8	112		0	97.4	
33	VF	5032-33	22.7	161		0	85.7	
34	NF	5033-34	18.7	91		0	90.3	
		5034-35, Shale, No Analysis						