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COLO. OIL & GAS CONS. COMM.

DST #1

5454 - 5468 Log Depths, Straddle Test

Open 15", Shut in 30", Open 60", Shut in 60"

SCANNED

1st Open Period

Tool opened with a very weak blow that slowly increased to 1/2" at end of period.

2nd Open Period

Tool opened with a very slight blow and remained through flow period.

1st Flow Period

IF = 41#
FF = 41#
ISIP = 1120#

2nd Flow Period

IF = 41#
FF = 41#
Final Shut In = 1141#

IH = 2632#

FH = 2561#

FLUID SAMPLE REPORT

Pressure in Sampler = 0 psig

Total volume of Sample = 1900 cc
Oil = None cc
Water = None cc
Mud = 1900 cc's
Gas = Slight trace cu. ft.

Sample Rw 3.0 @ 72°F = 1850 ppm

Mud Pit sample Rw 3.0 @ 78°F = ppm

DVR
FJP
HHM
JAM
RCC
LAR
GCM

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CORE DESCRIPTION

Core #1 5446 - 5497 Corrected to electric log depths

Cut and Recovered 51'

- 5446 - 5451 Sand, gray to white, fine grain, generally clean, medium hard, fair porosity, looks wet, no visible stain, flor. or cut.
- 5451 - 5457 Sand, gray, very fine grain, reworked with numerous thin black, irregular shale streaks, poor porosity, no shows.
- 5457 - 5457½ Shale, black, brittle
- 5457½ - 5467 Sand, gray to tan, fine grain, heavily clay cemented, some small patches are fairly clean. With depth core grades to sand with paper thin black horizontal shale streaks and 1" to 2" streaks of hard dense siltstone and siderite, uniform oil stain at top to spotty stain from 5462 to 5467, good yellow flor. where stained, good cut and good oil odor.
- 5467 - 5474 Sand, gray to white, fine grain, reworked with thin black irregular shale streaks, poor porosity, no shows.
- 5474 - 5497 Shale, black, poker chip, with random gray siltstone streaks.

DVR
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CORE ANALYSIS

<u>Depths</u>	Core #1		5446 - 5497		Corrected to Log Depths	
	<u>Hor.</u>	<u>Vert.</u>	<u>Por.</u>	<u>Oil</u>	<u>Waters</u>	
5457½-58	0.83	0.20	14.8	7.7	59.1	
58 - 59	12.	11.	20.0	9.3	46.8	
59 - 60	23.	18.	17.5	13.0	41.7	
60 - 61	1.9	0.08	16.7	13.9	46.7	
61 - 62	2.9	0.38	15.8	11.0	48.7	
62 - 63	12.	1.0	15.2	5.5	53.8	
63 - 64	18.	9.3	17.9	12.8	45.1	
64 - 65	0.28	< 0.01	10.3	4.9	68.0	
65 - 66	6.4	0.01	16.7	5.0	66.0	
66 - 67	4.9	0.24	13.8	4.8	70.5	

DVR	
FJP	
HHM	
JAM	
ROC	
LAR	
BCM	

GEAR DRILLING COMPANY

Suite 470 Denver Club Building

Denver, Colorado 80202

George L. Gear, President

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COLO. OIL & GAS CONS. COMM.

Colo. Oil & Gas
Conservation Commission
1845 Sherman Street
Denver, Colorado 80203

Gentlemen:

This letter will confirm the plugging procedure for
the following well:

OPERATOR:	HANK C. ALLEN & GEAR DRILLING COMPANY	
WELL NAME:	Albert Hellmuth No.1	
LOCATION:	Sec.29-2N-57W	DATE PLUGGED: 6/29/83
	<u>PLUGS</u>	<u>DEPTHS</u>
	25 sx.	105'-155'
	10 sx.	surf. to 30'
	sx.	

JUNK LEFT IN HOLE? NO IF SO, AT WHAT DEPTHS? _____

The remainder of the hole was filled with 10 pounds per
gallon mud.

If there is anything further you need regarding this well,
please feel free to contact our Denver office, address as
shown below.

Sincerely,

GEAR DRILLING COMPANY

Gene D. Malaby

Rig Superintendent

JR
8-8-83