



Contractor Orbit Drilling Co.
 Rig No. 1
 Spot NW-SW
 Sec. 2
 Twp. 10 N
 Rng. 49 W
 Field Wildcat
 County Logan
 State Colorado
 Elevation 3718' "K.B."
 Formation J-Sand

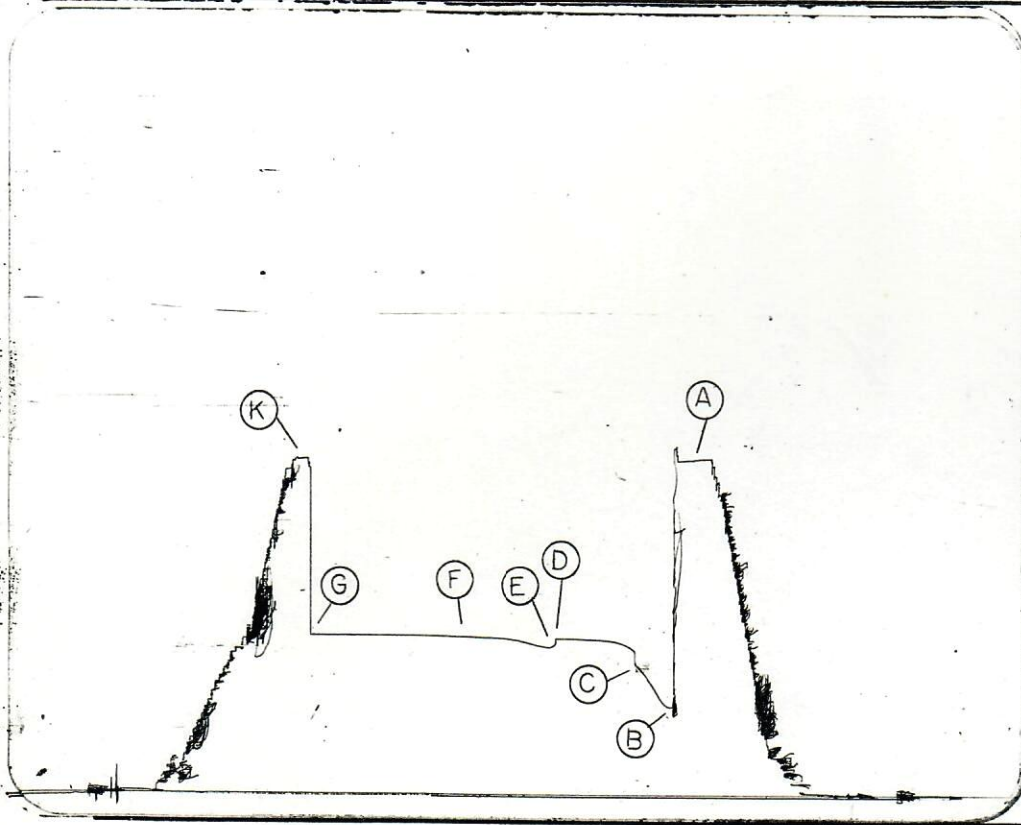
Top Choke 1"
 Bottom Choke 3/4"
 Size Hole 9 7/8"
 Size Rat Hole --
 Size & Wt. D. P. 4 1/2" 16.60
 Size Wt. Pipe --
 I. D. of D. C. 2 1/4"
 Length of D. C. 438'
 Total Depth 3938'
 Interval Tested 3894-3905'
 Type of Test Conventional
Straddle

MAR 5 1980
 COLO. OIL & GAS CONS. COM.
 Flow No. 1 300 Min.
 Shut-in No. 1 60 Min.
 Flow No. 2 60 Min.
 Shut-in No. 2 120 Min.
 Flow No. 3 -- Min.
 Shut-in No. 3 -- Min.
 Bottom Hole Temp. 133° F
 Mud Weight 9.7
 Gravity --
 Viscosity 65
 Tool opened @ 6:35 AM

Inside Recorder

PRD Make Kuster AK-1
 No. 2816 Cap. 4600 @ 3820'

	Press	Corrected
Initial Hydrostatic	A	1999
Final Hydrostatic	K	1934
Initial Flow	B	555
Final Initial Flow	C	800
Initial Shut-in	D	945
Second Initial Flow	E	896
Second Final Flow	F	951
Second Shut-in	G	955
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--



Lynes Dist.: Sterling, Co.
 Our Tester: Duane Custer
 Witnessed By: Jim Lively

Did Well Flow - Gas no Oil no Water no

RECOVERY IN PIPE: 1995' Total fluid
180' Slightly gas cut muddy water = 2.55 bbl.
1815' Gas & slightly oil cut water = 21.69 bbl.

Top Sample R.W.: 2.8 @ 75° F = 1850 ppm. Chl.
 Middle Sample R.W.: 1.3 @ 80° F = 4000 ppm. Chl.
 Bottom Sample R.W.: 1.4 @ 70° F = 4100 ppm. Chl.

Blow Description:

1st Flow: Tool opened with a fair blow; increased to bottom of bucket in 45 seconds and remained thru flow period.

2nd Flow: Tool opened with a fair blow; increased to bottom of bucket in 1 minute. After 25 minutes blow slowly decreased.

Operator Cougar Petroleum; Gear Drilling
 Well Name and No. Roberts #1
 Ticket No. 20340
 Date 2-11-80
 No. Final Copies 5
 DST No. 1

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COLO. OIL & GAS CONS. COMM.

WELL NAME: ROBERTS 1

DST NUMBER: 001

RECORDER NUMBER: 002816

INTERVAL TESTED: 3894FT TO 3905FT

RECORDER DEPTH: 3820.000FT

TOTAL FLOW TIME: 90.0MIN

SECOND SHUT IN PRESSURE (LIQUID)

TIME (MIN)	(T+PHI)	PRESSURE
PHI	/PHI	(PSI)
.0	.0000	951.0
1.0	91.0000	951.0
2.0	46.0000	951.0
3.0	31.0000	951.0
4.0	23.5000	951.0
5.0	19.0000	951.0
6.0	16.0000	953.0
7.0	13.8571	953.0
8.0	12.2500	953.0
9.0	11.0000	953.0
10.0	10.0000	953.0
12.0	8.5000	954.0
14.0	7.4286	954.0
16.0	6.6250	955.0
18.0	6.0000	955.0
20.0	5.5000	955.0
22.0	5.0909	955.0
24.0	4.7500	955.0
26.0	4.4615	955.0
28.0	4.2143	955.0
30.0	4.0000	955.0
40.0	3.2500	955.0
50.0	2.8000	955.0
60.0	2.5000	955.0
70.0	2.2857	955.0 *
80.0	2.1250	955.0 *
90.0	2.0000	955.0 *
100.0	1.9000	955.0 *
110.0	1.8182	955.0 *
120.0	1.7500	955.0 *

* VALUES USED IN HORNER ANALYSIS

SLOPE: .08901 PSI/CYCLE

EXTRAPOLATED PRESSURE: 955.0 PSI

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COLO. OIL & GAS CONS. COMM.

WELL NAME: ROBERTS 1

DST NUMBER: 001

RECORDER NUMBER: 002816

INTERVAL TESTED: 3894FT TO 3905FT

RECORDER DEPTH: 3820.000FT

TOTAL FLOW TIME: 30.0MIN

FIRST SHUT IN PRESSURE (LIQUID)

TIME (MIN)	(T+PHI)	PRESSURE
PHI	/PHI	(PSI)
.0	.0000	800.0
1.0	31.0000	879.0
2.0	16.0000	885.0
3.0	11.0000	891.0
4.0	8.5000	896.0
5.0	7.0000	901.0
6.0	6.0000	904.0
7.0	5.2857	907.0
8.0	4.7500	910.0
9.0	4.3333	913.0
10.0	4.0000	916.0
12.0	3.5000	923.0
14.0	3.1429	926.0
16.0	2.8750	929.0
18.0	2.6667	932.0
20.0	2.5000	934.0
22.0	2.3636	935.0
24.0	2.2500	936.0
26.0	2.1538	937.0
28.0	2.0714	938.0
30.0	2.0000	939.0 *
40.0	1.7500	942.0 *
50.0	1.6000	944.0 *
60.0	1.5000	945.0 *

* VALUES USED IN HORNER ANALYSIS

SLOPE: 48.82664 PSI/CYCLE

EXTRAPOLATED PRESSURE: 953.8 PSI

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COLO. OIL & GAS CONS. COMM.

Cougar Petroleum; Gear Drilling

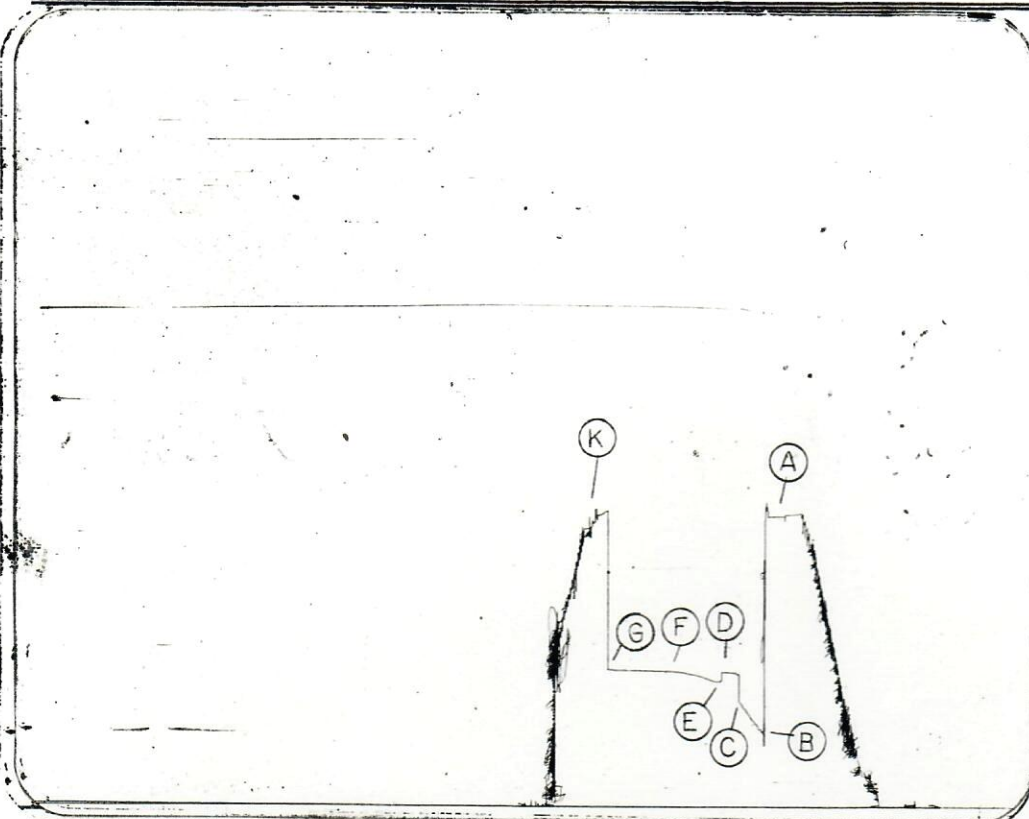
Roberts #1

1

Operator

Well Name and No.

DST No.



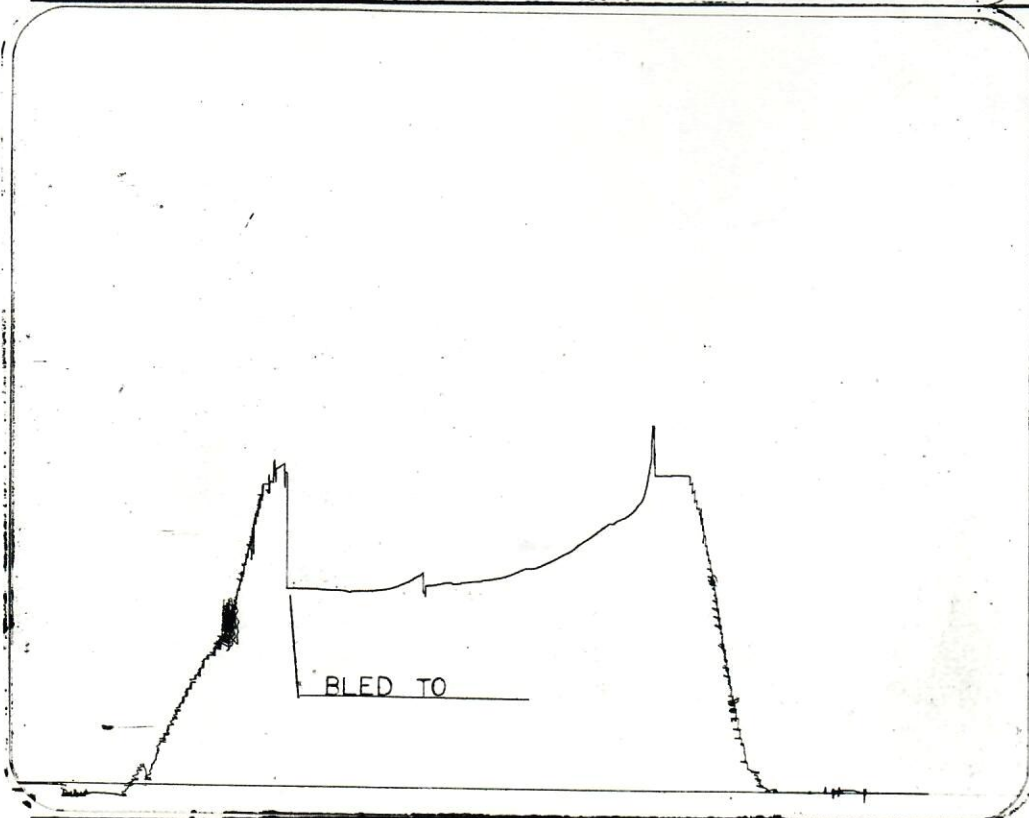
Inside Recorder

PRD Make Kuster AK-1

No. 1385 Cap. 5300 @ 3814'

	Press	Corrected
Initial Hydrostatic	A	1996
Final Hydrostatic	K	1930
Initial Flow	B	546
Final Initial Flow	C	794
Initial Shut-in	D	936
Second Initial Flow	E	888
Second Final Flow	F	940
Second Shut-in	G	948
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Pressure Below Bottom Packer Bled To



Outside Recorder

PRD Make Kuster AK-1

No. 988 Cap. 4700 @ 3918'

	Press	Corrected
Initial Hydrostatic	A	--
Final Hydrostatic	K	--
Initial Flow	B	--
Final Initial Flow	C	--
Initial Shut-in	D	--
Second Initial Flow	E	--
Second Final Flow	F	--
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Pressure Below Bottom Packer Bled To

1304

HORNER PLOT

TEST DATE: 02 11 80

WELL NAME: ROBERTS 1

LOCATION:

DST-NO: 001

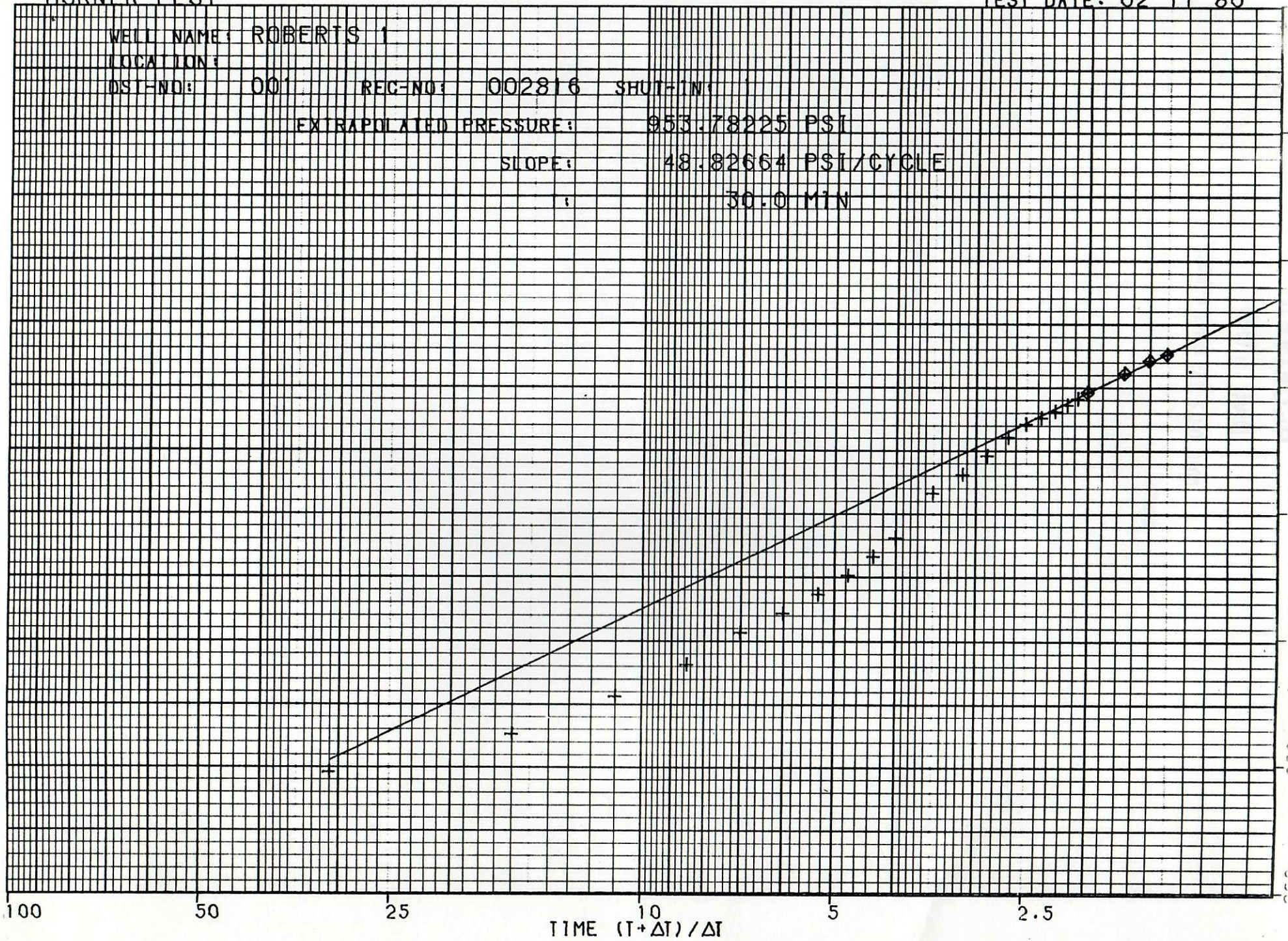
REC-NO: 002816

SHUT-IN:

EXTRAPOLATED PRESSURE: 953.78225 PSI

SLOPE: 48.82664 PSI/CYCLE

30.0 MIN



LYNES, INC.

Sampler Report

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COLO. OIL & GAS CONS. COMM.

Company Cougar Petroleum; Gear Drilling Date 2-11-80
Well Name & No. Roberts #1 Ticket No. 20340
County Logan State Colorado
Test Interval 3894-3905' DST No. 1

Total Volume of Sampler: 2150 cc.
Total Volume of Sample: 1900 cc.
Pressure in Sampler: 110 psig
Oil: Trace cc.
Water: 1900 cc.
Mud: None cc.
Gas: Trace cu. ft.
Other: None

Sample R.W.: 1.3 @ 80°F = 4000 ppm. Chl.

Resistivity

Make Up Water R.W. 5.0 @ 60°F of Chloride Content 1300 ppm.

Mud Pit Sample 3.0 @ 70°F of Chloride Content 1900 ppm.

Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F

Where was sample drained On location

Remarks: _____

LYNES, INC.

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MAR 5 1980

COLO. OIL & GAS CONS. COMM.

Distribution of Final Reports

Operator Cougar Petroleum; Gear Drilling Well Name and No. Roberts #1

Original &

3 copies: Cougar petroleum; Gear Drilling, Great West Life Tower, 1675 Broadway
#1770, Denver, Co. 80202

1 copy: Jim Lively, 12461 County Road #29, Sterling, Colorado 80751