



TEST REPORT

(303) 473-6909
P.O. Box 2260
Colorado Springs, CO 80901

Test Ticket No. 2074

Company Midco Exploration Inc. Date 6-7-82
Company Address 200 E. 1st St. Suite 411 Wichita 67202 No. of Charts 5
Location: Sec. 22 Twp. 15S Rge. 22W Co. Trego State KS
Well Name And Number Ryan #1 Tester Ken Metzler
Contractor Blue Goose Rig No. 1 Co. Rep. Glenn D. Tracy

Formation Cherokee Zone Sand Type of Test Conventional

DST# 1 Interval 4,126 To 4,170 Total Depth 4,170
Open 30 Shut In 60 Open 30 Shut In 60
Packer(s) Set 6:12 ~~XPM~~ Started off Bottom 9:15 ~~WRT~~
Blow 1st Open - Very Weak Blow - Died in 12 min.
2nd Open - None

Recovery Total Feet 10
Recovered 10 Ft. of Drilling Mud with Few Specks of Heavy Oil at Top.
Recovered Ft. of
Recovered Ft. of
Recovered Ft. of
Recovered Ft. of
Recovered Ft. of
Gravity (Oil) Corrected To Temp. Water Chlorides

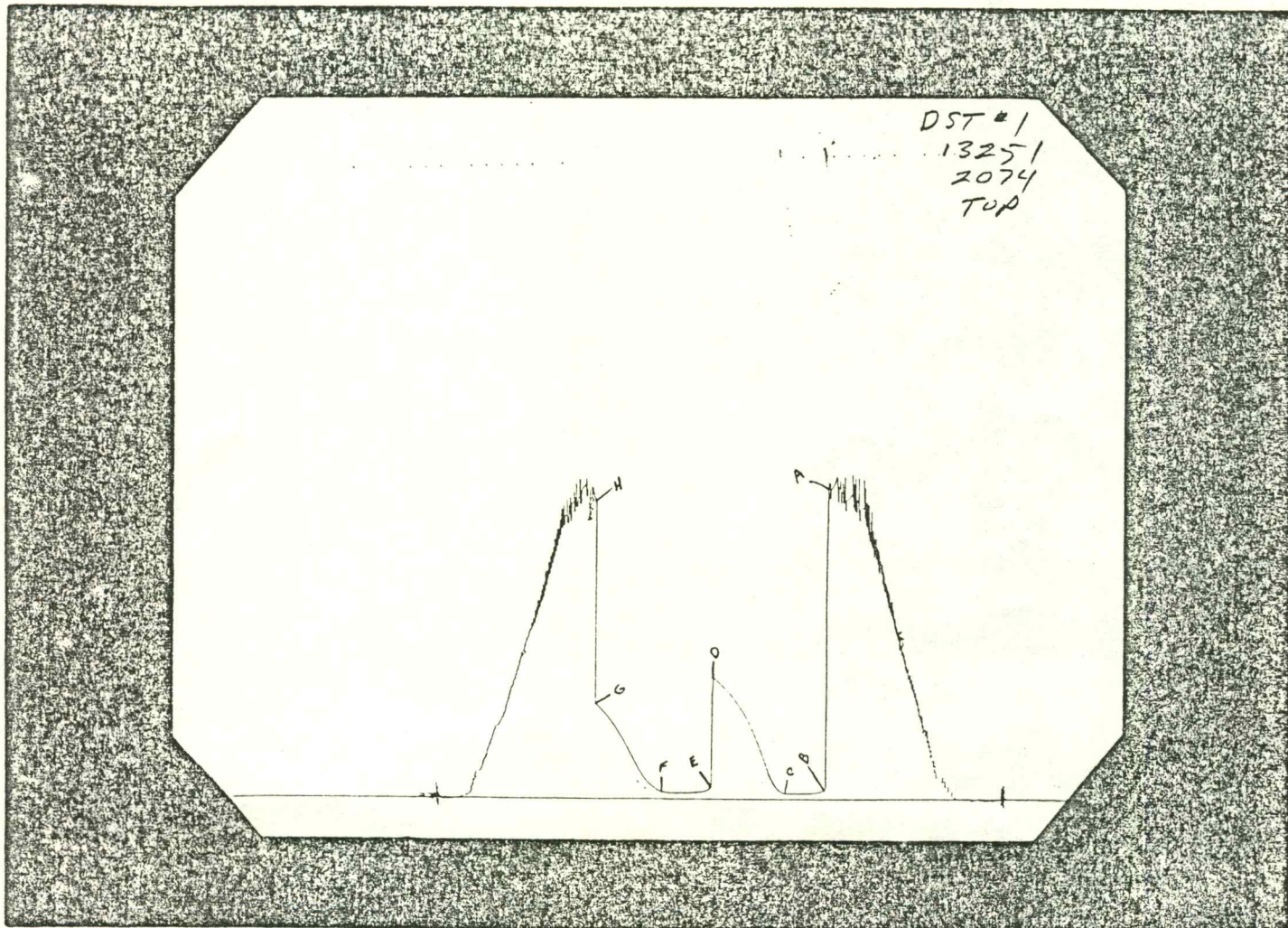
Pressures & Temp. Initial Hydrostatic Pressure 2057 Final Hydrostatic Pressure 2034
Initial Closed In Pressure 781 Final Closed In Pressure 621
Initial Flow Pressure 35 To 35 Final Flow Pressure 46 To 46
Test Area Temperature 125
(Office Reading If Applicable)

Engineering Date Elevation 2236 K.B.
Mud Viscosity 65 Mud Weight 9.1 Water Loss 8.8
Chlorides 11,000 P.P.M. Type of Mud Drispac Anchor Length 44'
Hole Size 7 7/8 Casing Size 8 5/8 Surface Choke 3/4 Bottom Choke 3/4
Drill Pipe Length 3864 I.D. 3.8 In. Weight Pipe Length I.D. In.
Drill Collar Length 306 I.D. 2.26 In.
Top Packer Depth. 4121 Bottom Packer Depth. 4126 Packer Size 6 3/4
Test Tool Size 5 1/2 In. Tool Joint Size 4 1/2 X.H. In.
Did Well Flow No Reversed Out No
Recorder Type and No. AK-1 13251 Clock Range No. 21048 12 Hr.
Recorder Type and No. AK-1 10494 Clock Range No. 16067 12 Hr.
Extra Equipment
Remarks

Open Hole Test
Price of Job \$715.00

Thank You!

15-173-21,010
API
22-155-22W
SE-SW-NW

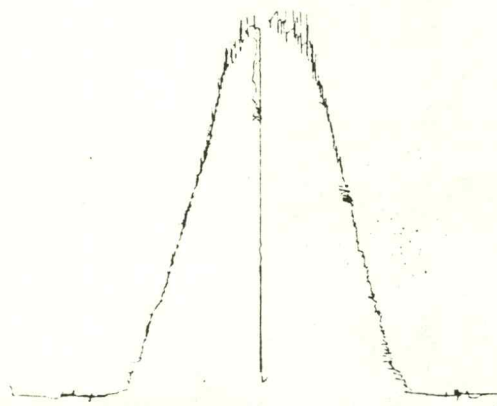


This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2057	2002	PSI
(B) First Initial Flow Pressure	35	36	PSI
(C) First Final Flow Pressure	35	39	PSI
(D) Initial Closed-in Pressure	781	788	PSI
(E) Second Initial Flow Pressure	46	41	PSI
(F) Second Final Flow Pressure	46	44	PSI
(G) Final Closed-in Pressure	621	619	PSI
(H) Final Hydrostatic Mud	2034	1935	PSI

DST #1
10994
2074
Bottom

clock stopped



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud		PSI
(B) First Initial Flow Pressure		PSI
(C) First Final Flow Pressure		PSI
(D) Initial Closed-in Pressure		PSI
(E) Second Initial Flow Pressure		PSI
(F) Second Final Flow Pressure		PSI
(G) Final Closed-in Pressure		PSI
(H) Final Hydrostatic Mud		PSI

CRUDE OIL TESTING COMPANY

P.O. Box 2260

Colorado Springs, Colorado 80901

(303) 473-6909

Date 6-7-82

Test Ticker No. 2074

Recorder No. AK-1 13251

Capacity 4550 PSI Location 4,160

Clock No. 21048

Elevation 2236 K.B. Well Temperature 125'

Point	Pressure		Field Time	Time Computed
A Initial Hydrostatic Mud	2002 P.S.I.	Open Tool	6:15 A M	
B First Initial Flow Pressure	36 P.S.I.	First Flow Pressure	30 Mins	
C First Final Flow Pressure	39 P.S.I.	Initial Closed-in Pressure	60 Mins	
D Initial Closed-in Pressure	788 P.S.I.	Second Flow Pressure	30 Mins	35 Mi
E Second Initial Flow Pressure	41 P.S.I.	Final Closed-in Pressure	60 Mins	57 Mi
F Second Final Flow Pressure	44 P.S.I.			
G Final Closed-in Pressure	619 P.S.I.			
H Final Hydrostatic Mud	1935 P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In			
	Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u> </u> Min.	Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u> </u> Min.	Breakdown: <u>7</u> Inc. of <u>5</u> mins. and a final inc. of <u> </u> Min.	Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>2</u> Min.			
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	36	0	39	0	41	0	44
P 2	36	5	49	5	41	5	56
P 3	36	10	87	10	41	10	84
P 4	36	15	163	15	42	15	121
P 5	36	20	283	20	42	20	177
P 6	38	25	383	25	42	25	247
P 7	39	30	477	30	42	30	329
P 8		35	561	35	44	35	399
P 9		40	623			40	466
P10		45	679			45	520
P11		50	722			50	570
P12		55	761			55	614
P13		60	788			57	619
P14							
P15							
P16							
P17							
P18							
P19							
P20							