Company: Oil Properties Company, Inc. Lease & Well No. Norris #1

Elevation: 2074 Kelly Bushing Formation: Mississippi Effective Pay: - Ft. Ticket No. 8478

Date: 11/20/80 Sec. 21 Twp. 25S Range ~~GW~~ 16W County: Edwards State: Kansas

Test Approved by: Robert C. Armstrong Western Representative: Rod Tritt

Formation Test No. 1 Interval Tested from 4362 ft. to 4382 ft. Total Depth 4382 ft.

Packer Depth 4357 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4362 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4366 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4369 ft. Recorder Number 4332 Cap. 4200

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Sterling Drilling Rig #1 Drill Collar Length 311 I. D. 2¼ in.

Mud Type premix=starch Viscosity 42 Weight Pipe Length 398 I. D. 2½ in.

Weight 9.3 Water Loss 11.2 cc. Drill Pipe Length 3653 I. D. 3.8 in.

Chlorides 27,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½OD in.

Jars: Make No Serial Number - Anchor Length 20 ft. Size 5½OD in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½FH in.

Blow: Strong blow;gas to surface in two minutes. See attached sheet for gas measurements.

Recovered 3 ft. of mud and condensation

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Had trouble pulling tool off of bottom.

Time Set Packer(s) 4:10 A.M. P.M. Time Started Off Bottom 6:10 A.M. P.M. Maximum Temperature 122°

Initial Hydrostatic Pressure			(A)	2315	P.S.I.	
Initial Flow Period	Minutes 25	(B)	707	P.S.I. to (C)	778	P.S.I.
Initial Closed In Period	Minutes 30	(D)	1326	P.S.I.		
Final Flow Period	Minutes 30	(E)	704	P.S.I. to (F)	800	P.S.I.
Final Closed In Period	Minutes 36	(G)	1323	P.S.I.		
Final Hydrostatic Pressure		(H)	2250	P.S.I.		

GAS FLOW REPORT

Date 11/21/80 Ticket 8478 Company Oil Properties Company, Inc.

Well Name and No. Norris #1 Dst No. 1 Interval Tested 4362'-4382'

County Edwards State Kansas Sec. 21 Twp. 25S Rg. 6W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
4:10 Tool open			**PRE FLOW**			
	2 min.	[illegible] PSIG				Gas to surface
	10 min.	60.0 PSIG				4,349,000 CFPD
	20 min.	70.0 PSIG				4,946,000 CFPD
	30 min.	70.0 PSIG				4,946,000 CFPD
			SECOND FLOW			
	10 min.	70.0 PSIG				4,946,000 CFPD
	20 min.	74.0 PSIG				5,185,000 CFPD
	30 min.	80.0 PSIG				5,543,000 CFPD

GAS BOTTLE

Serial No. -- Date Bottle Filled --- Date to be Invoiced 11/21/80

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of $75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Oil Properties Co., Inc.

Authorized by Robert C. Armstrong

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 11-20-80 Test Ticket No. 8478

Recorder No. 2606 Capacity 4150 Location 4366 Ft.

Clock No. - Elevation 2074 Kelly Bushing Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2315 P.S.I.	Open Tool	4:10 M	
B First Initial Flow Pressure	707 P.S.I.	First Flow Pressure	30 Mins.	25 Mins.
C First Final Flow Pressure	778 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	1326 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	704 P.S.I.	Final Closed-in Pressure	30 Mins.	36 Mins.
F Second Final Flow Pressure	800 P.S.I.			
G Final Closed-in Pressure	1323 P.S.I.			
H Final Hydrostatic Mud	2250 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 5 Inc. of 5 mins. and a final inc. of 0 Min.

Point Mins.	Press.
P 1 0	707
P 2 5	740
P 3 10	761
P 4 15	772
P 5 20	776
P 6 25	778
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 10 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	778
3	1307
6	1315
9	1322
12	1325
15	1326
18	1326
21	1326
24	1326
27	1326
30	1326

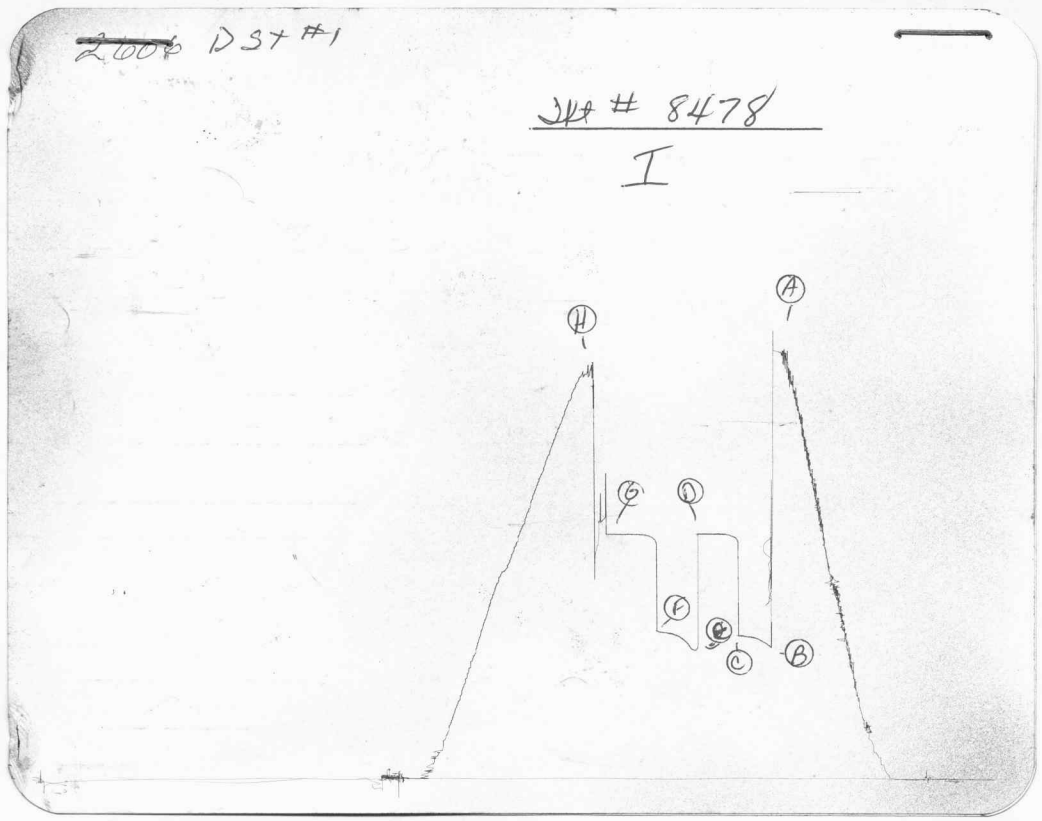
Second Flow Pressure
Breakdown: 6 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	704
5	704
10	753
15	775
20	792
25	796
30	800

Final Shut-In
Breakdown: 12 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	800
3	1298
6	1310
9	1319
12	1320
15	1321
18	1321
21	1322
24	1322
27	1323
30	1323
33	1323
36	1323

COMPANY Oil Properties Company, Inc. LEASE AND WELL NO. Norris #1 SEC. 21 TWP. 25S RGE. 6W TEST NO. 1 DATE 11-20-80



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2292	2315	PSI
(B)	First Initial Flow Pressure	707	707	PSI
(C)	First Final Flow Pressure	779	778	PSI
(D)	Initial Closed-in Pressure	1319	1326	PSI
(E)	Second Initial Flow Pressure	686	704	PSI
(F)	Second Final Flow Pressure	800	800	PSI
(G)	Final Closed-in Pressure	1319	1323	PSI
(H)	Final Hydrostatic Mud	2240	2250	PSI

2606 DST

JW # 8478

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