Company Oil Properties Co., Inc. Lease & Well No. Yoder #1

Elevation - Formation Mississippi Effective Pay - Ft. Ticket No. 6396

Date 7-19-80 Sec. 22 Twp. 24S Range 5W County Reno State Kansas

Test Approved by Dave Williams Western Representative Gene Eberhart

Formation Test No. #1 Interval Tested from 3387 ft. to 3410 ft. Total Depth 3410 ft.

Packer Depth 3382 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 3387 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3393 ft. Recorder Number 969 Cap. 4200

Bottom Recorder Depth (Outside) 3396 ft. Recorder Number 10207 Cap. 5400

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

Drilling Contractor D.R. Lauck Drlg Co., Rig #1 Drill Collar Length 308 I. D. 6"OD in.

Mud Type Premix Viscosity 44 Weight Pipe Length - I. D. - in.

Weight 9.2 Water Loss 9.4 cc. Drill Pipe Length 3033 I. D. 2.8 in.

Chlorides 2500 P.P.M. Test Tool Length 26 ft. Tool Size 5½OD in.

Jars: Make Bowen Serial Number 413 Anchor Length 23 ft. Size 5½OD in.

Did Well Flow? Yes 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 during both flow periods. Gas to surface. See attached gas sheet for gas measurements.

Recovered 219 ft. of Watery mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 11:12 ~~A.M.~~ P.M. Time Started Off Bottom 2:45 ~~A.M.~~ P.M. Maximum Temperature 116

Initial Hydrostatic Pressure			(A)	1694	P.S.I.	
Initial Flow Period	Minutes 45	(B)	90	P.S.I. to (C)	74	P.S.I.
Initial Closed In Period	Minutes 45	(D)	506	P.S.I.		
Final Flow Period	Minutes 75	(E)	100	P.S.I. to (F)	135	P.S.I.
Final Closed In Period	Minutes 45	(G)	497	P.S.I.		
Final Hydrostatic Pressure		(H)	1680	P.S.I.		

GAS FLOW REPORT

Date 7/19/80 Ticket 6396 Company Oil Properties Company, Inc.

Well Name and No. Yoder #1 Dst No. 1 Interval Tested 3387'-3410'

County Reno State Kansas Sec. 22 Twp. 24S Rg. 5W

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
			PRE FLOW			
						GAS TO SURFACE IN THIRTY SEVEN MINUTES OF FIRST FLOW PERIOD.
						(45) MINUTES -- NO GAUGE.
			SECOND FLOW			12:45
12:50	18" of water		1/4" orifice			7,120 CFPD
1:00 PM	28" of water		1/4" orifice			8,890 CFPD
1:10 PM	44" of water		1/4" orifice			11,100 CFPD
1:20 PM	54" of water		1/4" orifice			12,300 CFPD
1:30 PM	60" of water		1/4" orifice			13,000 CFPD
1:40 PM	96" of water		1/4" orifice			16,400 CFPD
1:50 PM	98" of water		1/4" orifice			16,600 CFPD
2:00 PM	98" of water		1/4" orifice			16,600 CFPD

GAS BOTTLE

Serial No. -- Date Bottle Filled --- Date to be Invoiced 7/19/80

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 Dave Williams

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 7-19-80 Test Ticket No. 6396

Recorder No. 969 Capacity 4200 Location 3393 Ft.

Clock No. - Elevation - Well Temperature 116 °F

Point		Pressure	
A	Initial Hydrostatic Mud	1694	P.S.I.
B	First Initial Flow Pressure	90	P.S.I.
C	First Final Flow Pressure	74	P.S.I.
D	Initial Closed-in Pressure	506	P.S.I.
E	Second Initial Flow Pressure	100	P.S.I.
F	Second Final Flow Pressure	135	P.S.I.
G	Final Closed-in Pressure	497	P.S.I.
H	Final Hydrostatic Mud	1680	P.S.I.

	Time Given	Time Computed
Open Tool	11:12A M	
First Flow Pressure	45 Mins.	45 Mins.
Initial Closed-in Pressure	45 Mins.	45 Mins.
Second Flow Pressure	75 Mins.	75 Mins.
Final Closed-in Pressure	45 Mins.	45 Mins.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	90
P 2	5	72
P 3	10	69
P 4	15	69
P 5	20	69
P 6	25	69
P 7	30	70
P 8	35	74
P 9	40	74
P10	45	74
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

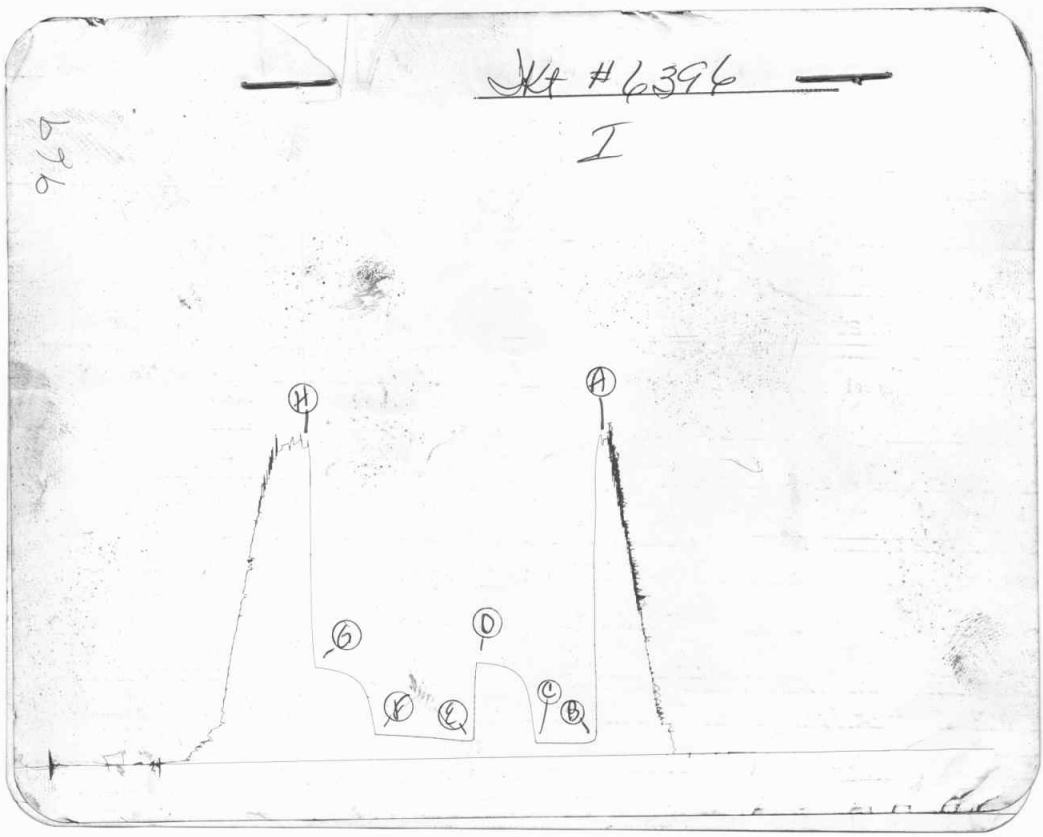
Point Minutes	Press.
0	74
3	182
6	332
9	393
12	428
15	447
18	463
21	475
24	482
27	490
30	494
33	498
36	501
39	504
42	506
45	506

Second Flow Pressure
Breakdown: 15 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	100
5	90
10	94
15	98
20	104
25	106
30	110
35	115
40	117
45	121
50	125
55	127
60	129
65	131
70	133
75	135

Final Shut-In
Breakdown: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	135
3	277
6	340
9	389
12	416
15	434
18	449
21	459
24	467
27	477
30	482
33	486
36	490
39	494
42	496
45	497



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1706	1694	PSI
(B)	First Initial Flow Pressure	61	90	PSI
(C)	First Final Flow Pressure	71	74	PSI
(D)	Initial Closed-in Pressure	510	506	PSI
(E)	Second Initial Flow Pressure	92	100	PSI
(F)	Second Final Flow Pressure	143	135	PSI
(G)	Final Closed-in Pressure	512	497	PSI
(H)	Final Hydrostatic Mud	1686	1680	PSI

COMPANY Oil Properties Co., Inc. LEASE AND WELL NO. #1 Yoder SEC. 22 TWP. 24S RGE. 5W TEST NO. #1 DATE 7-19-80

XX-XXX-X

IR1 #6396

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