

Company Robinson Oil Company Lease & Well No. #4 Molz "B"
 Elevation 1415 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 13016
 Date 8/27/81 Sec. 1 Twp. 35S Range 12W County Barber State Kansas
 Test Approved by Robert E McCann Western Representative Rod Tritt

Formation Test No. 1 Interval Tested from 4799 ft. to 4830 ft. Total Depth 4830 ft.
 Packer Depth 4794 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4799 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4802 ft. Recorder Number 2606 Cap. 4150
 Bottom Recorder Depth (Outside) 4805 ft. Recorder Number 4332 Cap. 4200
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Sweetman Drilling Drill Collar Length 280 I. D. 2.2 in.
 Mud Type - Viscosity 49 Weight Pipe Length - I. D. - in.
 Weight 9.0 Water Loss 10.0 cc. Drill Pipe Length 4499 I. D. 3.8 in.
 Chlorides N/C P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
 Jars: Make No Serial Number - Anchor Length 31 ft. Size 5 1/2 OD 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 4 1/2 XH in.

Blow: Strong blow throughout test. Gas to surface in 23 minutes on initial flow period.
See attached sheet for gas measurements.

Recovered 200 ft. of gassy heavy oil
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 12:55 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 4:55 ~~P.M.~~ ^{A.M.} Maximum Temperature 128
 Initial Hydrostatic Pressure (A) 2586 P.S.I.
 Initial Flow Period Minutes 30 (B) 268* P.S.I. to (C) 560* P.S.I.
 Initial Closed In Period Minutes 63 (D) 1814 P.S.I.
 Final Flow Period Minutes 55 (E) 272* P.S.I. to (F) 643* P.S.I.
 Final Closed In Period Minutes 90 (G) 1702 P.S.I.
 Final Hydrostatic Pressure (H) 2355 P.S.I.

GAS FLOW REPORT

Date 8/27/81 Ticket 13016 Company Robinson Oil Company
 Well Name and No. #4 Molz "B" Dst No. 1 Interval Tested 4799-4830
 County Barber State Kansas Sec. 1 Twp. 35S Rg. 12W

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						
	23 Min		½" Orifice			gas to surface
	30 Min	8" water	½" Orifice			17,200 C.F.P.D.

SECOND FLOW						
	10 Min	13" water	½" Orifice			22,800 C.F.P.D.
	20 Min	9" water	½" Orifice			18,800 C.F.P.D.
	30 Min	10" water	½" Orifice			19,900 C.F.P.D.
	40 Min	9" water	½" Orifice			18,800 C.F.P.D.
	50 Min	8" water	½" Orifice			17,200 C.F.P.D.
	60 Min	10" water	½" Orifice			19,900 C.F.P.D.

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced 8/27/81

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 1% per month, equal to 12% 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 Robinson Oil Company
 Authorized by Robert E McCann

WESTERN TESTING CO., INC.

Pressure Data

Date 8/27/81

Test Ticket No. 13016

Recorder No. 2606

Capacity 4150

Location 4802

Clock No. -

Elevation 1415 Kelly Bushing

Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2586	P.S.I.	12:55A	M
B First Initial Flow Pressure	268*	P.S.I.	30	30 Mins.
C First Final Flow Pressure	560*	P.S.I.	60	63 Mins.
D Initial Closed-in Pressure	1814	P.S.I.	60	55 Mins.
E Second Initial Flow Pressure	272*	P.S.I.	90	90 Mins.
F Second Final Flow Pressure	643*	P.S.I.	*Pressures questionable due to plugging action	
G Final Closed-in Pressure	1702	P.S.I.		
H Final Hydrostatic Mud	2355	P.S.I.		

PRESSURE BREAKDOWN

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

Initial Shut-In
Breakdown: 21 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 11 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 30 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	268*	0	560*	0	272*	0	643*
P 2 5	462*	3	970	5	358*	3	1002
P 3 10	412*	6	1240	10	337*	6	1201
P 4 15	468*	9	1408	15	433*	9	1338
P 5 20	568*	12	1527	20	464*	12	1429
P 6 25	580*	15	1605	25	504*	15	1488
P 7 30	560*	18	1662	30	535*	18	1529
P 8		21	1700	35	604*	21	1563
P 9		24	1724	40	554*	24	1588
P10		27	1746	45	554*	27	1605
P11		30	1760	50	433*	30	1620
P12		33	1771	55	643*	33	1632
P13		36	1781			36	1641
P14		39	1788			39	1647
P15		42	1794			42	1653
P16		45	1798			45	1661
P17		48	1805			48	1666
P18		51	1807			51	1668
P19		54	1809			54	1673
P20		57	1811			57	1676
		60	1813			60	1679
		63	1814				

WESTERN TESTING CO., INC.

Pressure Data

Date 8/27/81 Recorder No. 2606 Capacity 4150 Test Ticket No. 13016
 Location 4802 Ft. Elevation 1415 Kelly Bushing Well Temperature 128 °F
 Clock No. -

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2586	P.S.I.	12:55A	M
B First Initial Flow Pressure	268*	P.S.I.	30	Mins. 30
C First Final Flow Pressure	560*	P.S.I.	60	Mins. 63
D Initial Closed-in Pressure	1814	P.S.I.	60	Mins. 55
E Second Initial Flow Pressure	272*	P.S.I.	90	Mins. 90
F Second Final Flow Pressure	643*	P.S.I.	*Pressures questionable due to plugging action	
G Final Closed-in Pressure	1702	P.S.I.		
H Final Hydrostatic Mud	2355	P.S.I.		

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	6		21		11		30	
	of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
	final inc. of 0 Min.							
Point Minutes	Press.							
P 1						63	1683	
P 2						66	1685	
P 3						69	1688	
P 4						72	1690	
P 5						75	1692	
P 6						78	1693	
P 7						81	1696	
P 8						84	1700	
P 9						87	1701	
P10						90	1702	
P11								
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								

2606 - 157 #1

TKF #13016
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