WESTERN TESTERS

Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Hummon Oil Company Lease & Well No. Edwin #1 (Maas)

Elevation 1849 Kelly Bushing Formation Indian Cave Effective Pay - Ft. Ticket No. 25645

Date 1-29-77 Sec. 21 Twp. 27S Range 12W County Pratt State Kansas

Test Approved by Bryron E. Hummonds Jr. Western Representative Lonnie cline

Formation Test No. 1 O.K. X Misrun - Interval Tested From 2654' to 2699' Total Depth 2699'

Size Main Hole 7 7/8 Rat Hole - Conv. X B.T. - Damaged - Yes X No Conv. - B.T. - Damaged - Yes No

Top Packer Depth 2653 Ft. Size 6 3/4 Bottom Packer Depth - Ft. Size -

Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -

Tool Size 5½OD Tool Joint Size 4½FH Anchor Length 45 Ft. Size 5½OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 2689 Ft. Clock No. 4763 Depth 2692 Ft. Clock No. 6866

Top Make Kuster Cap. 4150 No. 2604 ~~Inside~~ Outside Bottom Make Kuster Cap. 4000 No. 3660 ~~Inside~~ Outside

Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 7:30P M

Tool Open I.F.P. From 7:33P M. to 8:17P M. - Hr. 45 Min. From (B) 83 P.S.I. To (C) 63 P.S.I.

Tool Closed I.C.I.P. From 8:17P M. to 9:17P M. - Hr. 60 Min (D) 1150 P.S.I.

Tool Open F.F.P. From 9:17P M. to 10:02P M. - Hr. 45 Min. From (E) 75 P.S.I. To (F) 82 P.S.I.

Tool Closed F.C.I.P. From 10:02P M. to 11:02P M. - Hr. 60 Min. (G) 1004 P.S.I.

Initial Hydrostatic Pressure (A) 1403 P.S.I. Final Hydrostatic Pressure (H) 1400 P.S.I. Maximum Temp. 98

INFORMATION

BLOW Good blow building to strong blow, gas to surface in 25 minutes.
See attached sheet for gas measurements.

Did Well Flow - Yes X No Recovery Total Ft. 132' gas cut mud

Reversed Out - Yes X No Mud Type Starch Viscosity 40 Weight 9.7 Water Loss 12.0 cc. Chlorides 149,000P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size - In. Make - Ser. No. -

Dual Packer No Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Graves Drlg. Co. Length Drill Pipe? 2240 Ft. I.D. Drill Pipe 3.9 In. Tool Joint Size 4½FH In.

Length Weight Pipe 275 Ft. I.D. Weight Pipe 3.0 In. Tool Joint Size 4½XH In. Length Drill Collars 122 Ft. I.D. Drill Collars 2¼ In.

Tool Joint Size 4½H-90 In. Length D.S.T. Tool 62 Ft.

Remarks:

Slid tool 31' to bottom 16' before opening and 15' after opening

Phone 316 262-5861
316 838-0601

WESTERN TESTERS

P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 1-29-77 Ticket 25645 Company Hummon Oil Company

Well Name and No. # 1 Edwin (Maas) Dst No. # 1 Interval Tested 2654'-2699'

County Pratt State Kansas Sec. 21 Twp. 27S Rg. 12 W

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				
		Water		Orifice		Gas to surface in 25 Minutes
8:02PM	30Min	74"	-	1/4"		14,400 C.F.P.D.
8:17PM	45 Min	66"	-	1/2"		50,900C.F.P.D.
		SECOND FLOW				
		Water	Orifice			
9:27PM	10Min	66"	1/2"	-	-	50,900 C.F.P.D.
9:37PM	20MIN	40"	3/4"	-	-	89,800 C.F.P.D.
9:47PM	30 MIN	60"	3/4"	-	-	110,000 C.F.P.D.
9:57PM	40 MIN	82"	3/4"	-	-	128,000 C.F.P.D.
10:03PM	45Min	30"	1 "	-	-	141,000 C.F.P.D.

GAS BOTTLE

Serial No. - Date Bottle Filled - Date to be Invoiced -

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 Hummon Oil Company

Authorized by Bryron E. Hummon, Jr.

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 1-29-77 Test Ticket No. 25645

Recorder No. 2604 Capacity 4150 Location 2689 Ft.

Clock No. 4763 Elevation 1849 Kelly Bushing Well Temperature 98 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1403	P.S.I.	Open Tool	7:30P M	
B	First Initial Flow Pressure	83	P.S.I.	First Flow Pressure	45 Mins.	45 Mins.
C	First Final Flow Pressure	63	P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	1150	P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E	Second Initial Flow Pressure	75	P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	82	P.S.I.			
G	Final Closed-in Pressure	1004	P.S.I.			
H	Final Hydrostatic Mud	1400	P.S.I.			

PRESSURE BREAKDOWN

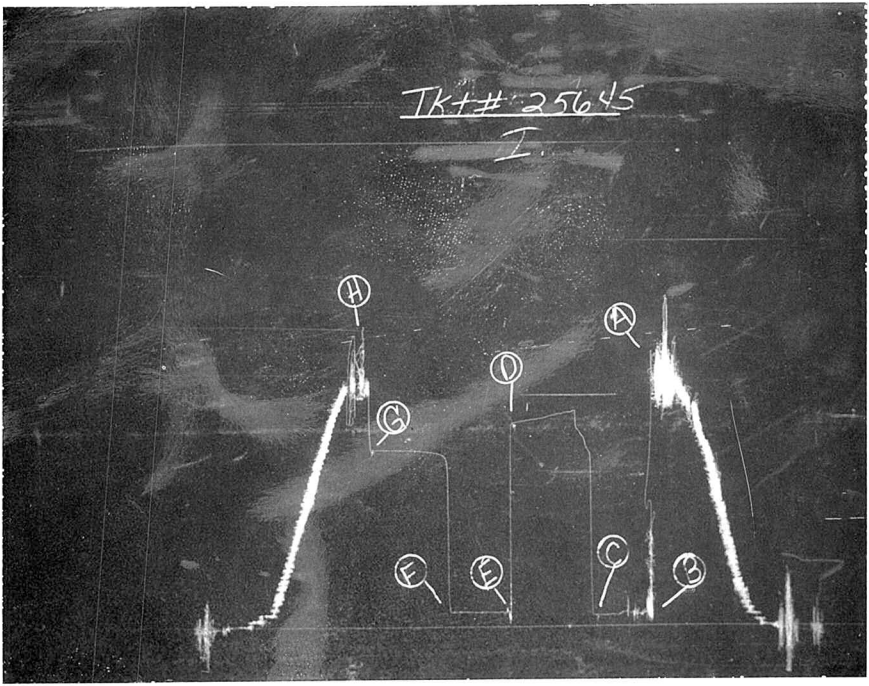
First Flow Pressure
Breakdown: 9 Inc. of 5 mins. and a final inc. of 0 Min.

Initial Shut-In
Breakdown: 20 Inc. of 3 mins. and a final inc. of 0 Min.

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

Final Shut-In
Breakdown: 20 Inc. of 3 mins. and a final inc. of 0 Min.

Point	First Flow Pressure Mins.	First Flow Pressure Press.	Initial Shut-In Minutes	Initial Shut-In Press.	Second Flow Pressure Minutes	Second Flow Pressure Press.	Final Shut-In Minutes	Final Shut-In Press.
P 1	0	83	0	63	0	75	0	82
P 2	5 Plugging Action		3	678	5	79	3	442
P 3	10 Plugging Action		6	998	10	81	6	953
P 4	15 Plugging Action		9	1063	15	82	9	975
P 5	20	79	12	1098	20	82	12	983
P 6	25	64	15	1222	25	82	15	987
P 7	30	64	18	1213	30	82	18	990
P 8	35	62	21	1211	35	82	21	992
P 9	40	63	24	1207	40	83	24	996
P10	45	63	27	1203	45	82	27	998
P11			30	1199			30	999
P12			33	1192			33	1000
P13			36	1186			36	1000
P14			39	1180			39	1001
P15			42	1176			42	1001
P16			45	1171			45	1002
P17			48	1169			48	1002
P18			51	1165			51	1003
P19			54	1161			54	1003
P20			57	1159			57	1004
			60	1150			60	1004


Tkt# 25645
I.
H
G
D
A
F
E
C
B