Company Mustang Drilling, Inc. Lease & Well No. Fatzer #1

Elevation 2102 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 8566

Date 11-26-80 Sec. 25 Twp. 25S Range 17W County Edwards State Kansas

Test Approved by R G Smith Western Representative Stuart Stover

Formation Test No. 1 Interval Tested from 4382 ft. to 4470 ft. Total Depth 4470 ft.

Packer Depth 4377 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4382 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4387 ft. Recorder Number 11018 Cap. 4425

Bottom Recorder Depth (Outside) 4390 ft. Recorder Number 11019 Cap. 4500

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

Drilling Contractor Mustang Drilling Rig #1 Drill Collar Length 90 I. D. 2¼ in.

Mud Type Monopac Viscosity 43 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 12.0 cc. Drill Pipe Length 4270 I. D. 4.0 in.

Chlorides 14,000 P.P.M. Test Tool Length 27 ft. Tool Size 3½ in.

Jars: Make WTC Serial Number 3660 Anchor Length 88 ft. Size 4½ in.

Did Well Flow? - Reversed Out - Surface Choke Size ½ in. Bottom Choke Size ½ in.

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

Blow: Gas to surface in four minutes. See attached sheet for gas measurements.

Recovered 150 ft. of gas cut drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 3:45 A.M. ~~P.M.~~ Time Started Off Bottom 5:45 A.M. P.M. Maximum Temperature -

Initial Hydrostatic Pressure			(A) 2144	P.S.I.		
Initial Flow Period	Minutes 25	(B) 176	P.S.I. to	(C) 139	P.S.I.	
Initial Closed In Period	Minutes 27	(D) 1421	P.S.I.			
Final Flow Period	Minutes 25	(E) 178	P.S.I. to	(F) 127	P.S.I.	
Final Closed In Period	Minutes 26	(G) 1436	P.S.I.			
Final Hydrostatic Pressure			(H) 2144	P.S.I.		

GAS FLOW REPORT

Date 11-26-80 Ticket 8566 Company Mustang Drilling, Inc.

Well Name and No. Fatzer #1 Dst No. 1 Interval Tested 4382-4470

County Edwards State Kansas Sec. 25 Twp. 25S Rg. 17W

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			
	5 Min	2.0 PSIG	1¼" Orifice			332,000 C.F.P.D.
	10 Min	2.5 PSIG	1¼" Orifice			374,000 C.F.P.D.
	15 Min	2.5 PSIG	1¼" Orifice			374,000 C.F.P.D.
	20 Min	2.5 PSIG	1¼" Orifice			374,000 C.F.P.D.
	25 Min	3.0 PSIG	1¼" Orifice			411,000 C.F.P.D.
	30 Min	3.0 PSIG	1¼" Orifice			411,000 C.F.P.D.
			SECOND FLOW			
	5 MIN	5.5 PSIG	1¼" Orifice			571,000 C.F.P.D.
	10 Min	4.5 PSIG	1¼" Orifice			511,000 C.F.P.D.
	15 Min	3.5 PSIG	1¼" Orifice			445,000 C.F.P.D.
	20 Min	3.5 PSIG	1¼" Orifice			445,000 C.F.P.D.
	25 Min	3.0 PSIG	1¼" Orifice			411,000 C.F.P.D.
	30 Min	3.0 PSIG	1¼" Orifice			411,000 C.F.P.D.

GAS BOTTLE

Serial No. 101 Date Bottle Filled 11-26-80 Date to be Invoiced 11-26-80

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 Mustang Drilling, Inc.

Authorized by R G SMith

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 11/26/80 Test Ticket No. 8566

Recorder No. 11018 Capacity 4425 Location 4387 Ft.

Clock No. --- Elevation 2102 Kelly Bushing Well Temperature -- °F

Point	Pressure		Time Given		Time Computed	
A Initial Hydrostatic Mud	2144	P.S.I.	Open Tool	3:45A M		
B First Initial Flow Pressure	176	P.S.I.	First Flow Pressure	30 Mins.	25	Mins.
C First Final Flow Pressure	139	P.S.I.	Initial Closed-in Pressure	30 Mins.	27	Mins.
D Initial Closed-in Pressure	1421	P.S.I.	Second Flow Pressure	30 Mins.	25	Mins.
E Second Initial Flow Pressure	178	P.S.I.	Final Closed-in Pressure	30 Mins.	36	Mins.
F Second Final Flow Pressure	127	P.S.I.				
G Final Closed-in Pressure	1436	P.S.I.				
H Final Hydrostatic Mud	2144	P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 5 Inc.		Breakdown: 9 Inc.		Breakdown: 5 Inc.		Breakdown: 12 Inc.	
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.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	176	0	139	0	178	0	127
P 2 5	169	3	865	5	149	3	940
P 3 10	147	6	1192	10	138	6	1189
P 4 15	140	9	1286	15	131	9	1278
P 5 20	138	12	1344	20	129	12	1328
P 6 25	139	15	1370	25	127	15	1359
P 7		18	1390			18	1379
P 8		21	1405			21	1396
P 9		24	1416			24	1407
P10		27	1421			27	1419
P11						30	1425
P12						33	1431
P13						36	1436
P14							
P15							
P16							
P17							
P18							
P19							
P20							

WTC - 4

TKT # 8566

#018-8566