15-015-20583

31-27s-3E

WESTERN TESTERS

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Fremies Petroleum Inc. Lease & Well No. Pray #1

Elevation ____ Formation ____ Effective Pay ____ Ft. Ticket No. 20255

Date 2-2-74 Sec. 31 Twp. 22S 27 Range 3E County Buttler State Kansas

Test Approved by L. A. Watson Western Representative Cecil G. King

Formation Test No. #1 O.K. X Misrun ____ Interval Tested From ____ to ____ Total Depth ____

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

Top Packer Depth 1999' Ft. Size 6 3/4 Bottom Packer Depth 2006' Ft. Size 6 3/4

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

Tool Size 5 Tool Joint Size ____ Anchor Length ____ Ft. Size ____ Surface Choke Size ____ In. Bottom Choke Size ____ In.

RECORDERS Depth 2010' Ft. Clock No. 6800 Depth 2015' Ft. Clock No. 8474

Top Make Kuster Cap. 4150 No. 2605 Inside ~~Outside~~ Bottom Make Kuster Cap. 4000 No. 3351 ~~Inside~~ Outside

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

Time Set Packer 3:12 AM

Tool Open I.F.P. From 3:14 A.M. to 3:48 A.M. 34 Hr. 34 Min. From (B) 285 P.S.I. To (C) 417 P.S.I.

Tool Closed I.C.I.P. From 3:48 A.M. to 4:19 A.M. ____ Hr. 31 Min (D) 779 P.S.I.

Tool Open F.F.P. From 4:19 A.M. to 5:19 A.M. ____ Hr. 60 Min. From (E) 414 P.S.I. To (F) 413 P.S.I.

Tool Closed F.C.I.P. From 5:19 A.M. to 5:49 A.M. ____ Hr. 30 Min. (G) 770 P.S.I.

Initial Hydrostatic Pressure (A) 1010 P.S.I. Final Hydrostatic Pressure (H) 1000 P.S.I. Maximum Temp. 101

INFORMATION

BLOW TIGHT HOLE

Did Well Flow ____ Yes ____ No Recovery Total Ft. ____

Reversed Out ____ Yes X No Mud Type Chem. Viscosity 60 Weight 9.8 Water Loss 12.8 cc. Chlorides 3400

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

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

DRILLING CONTRACTOR Smitherman Drilling Co. Length Drill Pipe? 1950' Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½ F.H. In.

Length Weight Pipe ____ Ft. I.D. Weight Pipe ____ In. Tool Joint Size ____ In. Length Drill Collars 232' Ft. I.D. Drill Collars 2.5 In.

Tool Joint Size 4½ H90 In. Length D.S.T. Tool 39' Ft.

Remarks: TIGHT HOLE

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 2-2-74 Test Ticket No. 20285

Recorder No. 2605 Capacity 4150 Location 2010' Ft.

Clock No. 6800 Elevation Well Temperature 101 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1010 P.S.I.	Open Tool	3:12 AM	
B First Initial Flow Pressure	285 P.S.I.	First Flow Pressure	34 Mins.	34 Mins.
C First Final Flow Pressure	417 P.S.I.	Initial Closed-in Pressure	31 Mins.	31 Mins.
D Initial Closed-in Pressure	779 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	414 P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F Second Final Flow Pressure	413 P.S.I.			
G Final Closed-in Pressure	770 P.S.I.			
H Final Hydrostatic Mud	1000 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc. of 5 mins. and a final inc. of 4 Min.

Point	Mins.	Press.
P 1	0	285
P 2	5	347
P 3	10	400
P 4	15	417
P 5	20	417
P 6	25	417
P 7	30	417
P 8	34	417
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 1 Min.

Point	Minutes	Press.
P 1	0	417
P 2	3	738
P 3	6	753
P 4	9	763
P 5	12	767
P 6	15	771
P 7	18	773
P 8	21	774
P 9	24	775
P10	27	777
P11	30	778
P12	31	779
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Second Flow Pressure
Breakdown: 12 Inc. of 5 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
P 1	0	414
P 2	5	425
P 3	10	425
P 4	15	424
P 5	20	424
P 6	25	424
P 7	30	419
P 8	35	418
P 9	40	417
P10	45	415
P11	50	413
P12	55	413
P13	60	413
P14		
P15		
P16		
P17		
P18		
P19		
P20		

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

Point	Minutes	Press.
P 1	0	413
P 2	3	723
P 3	6	740
P 4	9	750
P 5	12	754
P 6	15	758
P 7	18	760
P 8	21	764
P 9	24	767
P10	27	769
P11	30	770
P12	33	
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		


HK1 #20255
I
H
G
F
E
D
C
B
A