

15-073-20869



15-225-13E

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

Company Magnum Land Co. Lease & Well No. Ray Reed #1
 Elevation 1240 Ground Level Formation Simpson Effective Pay _____ Ft. Ticket No. 25413
 Date 11-16-74 Sec. 15 Twp. 22S Range 13E County Greenwood State Kansas
 Test Approved by Glen C. Thrasher Western Representative Norman Allen
 Formation Test No. 1 O.K. Misrun _____ Interval Tested From 2250' to 2263' Total Depth 2263'
 Size Main Hole 6 1/4" Rat Hole _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No Conv. B.T. _____ Damaged _____ Yes No
 Top Packer Depth _____ Ft. Size _____ Bottom Packer Depth 2250 Ft. Size 5 1/2"
 Straddle No Conv. _____ B.T. _____ Damaged _____ Yes _____ No Packer Depth _____ Ft. Size _____
 Tool Size 4 1/2" OD Tool Joint Size 3 1/2" IF Anchor Length 13 Ft. Size 4 1/2" OD Surface Choke Size _____ In. Bottom Choke Size _____ In.
 RECORDERS Depth 2256 Ft. Clock No. 10167 Depth 2259 Ft. Clock No. 9102
 Top Make Kuster Cap. 4250 No. 1051 ~~Outside~~ ^{Inside} Bottom Make Kuster Cap. 4200 No. 3354 ~~Inside~~ ^{Outside}
 Below Straddle: Depth _____ Rec. No. _____ Clock No. _____ ~~Outside~~ ^{Inside} Depth _____ Ft. Rec. No. _____ Clock No. _____ ~~Outside~~ ^{Inside}
 Time Set Packer 4:27 A.M.
 Tool Open I.F.P. From 4:30 M. to 5:00 A.M. Hr. 30 Min. From (B) 34 P.S.I. To (C) 34 P.S.I.
 Tool Closed I.C.I.P. From 5:00 M. to 5:30 A.M. Hr. 30 Min (D) 758 P.S.I.
 Tool Open F.F.P. From 5:30 M. to 6:00 A.M. Hr. 30 Min. From (E) 58 P.S.I. To (F) 58 P.S.I.
 Tool Closed F.C.I.P. From 6:00 M. to 6:30 A.M. Hr. 30 Min. (G) 748 P.S.I.
 Initial Hydrostatic Pressure (A) 1162 P.S.I. Final Hydrostatic Pressure (H) 1155 P.S.I. Maximum Temp. 101

INFORMATION

BLOW Weak steady thru out test
 Did Well Flow _____ Yes No _____ Recovery Total Ft. 40 feet free oil (34 Gravity corrected)
15 feet slightly oil cut mud
 Reversed Out _____ Yes No _____ Mud Type Chem Viscosity 49 Weight 9.4 Water Loss 10 cc. Chlorides 1400
 EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint No Jars: Size _____ In. Make _____ Ser. No. _____
 Dual Packer: No Did Packers Hold? Yes Did Tool Plug? No Where? _____
 DRILLING CONTRACTOR Alco Drilling Co. #6 Length Drill Pipe 2055 Ft. I.D. Drill Pipe 2.7 In. Tool Joint Size 3 1/2" IF In.
 Length Weight Pipe _____ Ft. I.D. Weight Pipe _____ In. Tool Joint Size _____ In. Length Drill Collars 180 Ft. I.D. Drill Collars 2 1/4 In.
 Tool Joint Size 3 1/2" IF In. Length D.S.T. Tool 28 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 11-16-74

Test Ticket No. 25413

Recorder No. 1051 Capacity 4250 Location 2256 Ft.

Clock No. 10167 Elevation 1240 Ground Level Well Temperature 101 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1162</u> P.S.I.	Open Tool	<u>4:30</u> A.M.	
B First Initial Flow Pressure	<u>34</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>34</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>758</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>58</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
F Second Final Flow Pressure	<u>58</u> P.S.I.			
G Final Closed-in Pressure	<u>748</u> P.S.I.			
H Final Hydrostatic Mud	<u>1155</u> P.S.I.			

PRESSURE BREAKDOWN

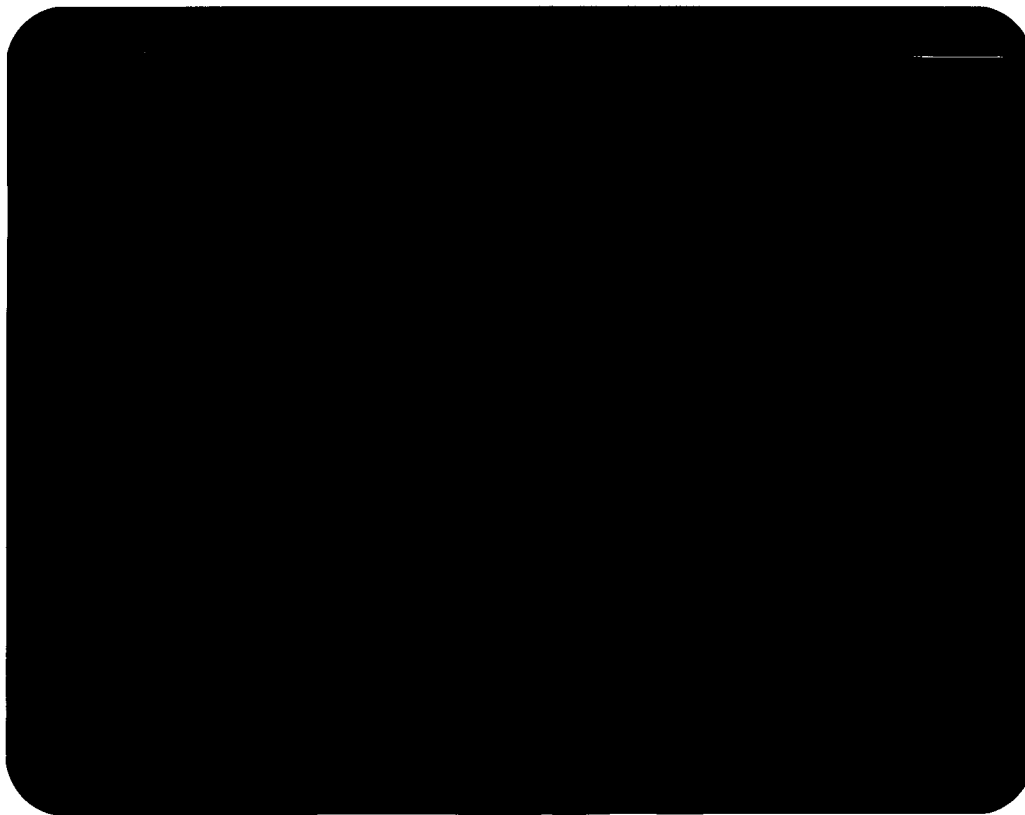
First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

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

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

Final Shut-In
Breakdown: 9 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 <u>0</u>	<u>34</u>	<u>0</u>	<u>34</u>	<u>0</u>	<u>58</u>	<u>0</u>	<u>58</u>
P 2 <u>5</u>	<u>34</u>	<u>3</u>	<u>437</u>	<u>5</u>	<u>58</u>	<u>3</u>	<u>531</u>
P 3 <u>10</u>	<u>34</u>	<u>6</u>	<u>683</u>	<u>10</u>	<u>58</u>	<u>6</u>	<u>684</u>
P 4 <u>15</u>	<u>34</u>	<u>9</u>	<u>713</u>	<u>15</u>	<u>58</u>	<u>9</u>	<u>708</u>
P 5 <u>20</u>	<u>34</u>	<u>12</u>	<u>725</u>	<u>20</u>	<u>58</u>	<u>12</u>	<u>723</u>
P 6 <u>25</u>	<u>34</u>	<u>15</u>	<u>735</u>	<u>25</u>	<u>58</u>	<u>15</u>	<u>730</u>
P 7 <u>30</u>	<u>34</u>	<u>18</u>	<u>742</u>	<u>30</u>	<u>58</u>	<u>18</u>	<u>737</u>
P 8		<u>21</u>	<u>745</u>			<u>21</u>	<u>741</u>
P 9		<u>24</u>	<u>752</u>			<u>24</u>	<u>744</u>
P10		<u>27</u>	<u>755</u>			<u>27</u>	<u>748</u>
P11		<u>30</u>	<u>758</u>				
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1165	1162	PSI
(B) First Initial Flow Pressure	32	34	PSI
(C) First Final Flow Pressure	32	34	PSI
(D) Initial Closed-in Pressure	761	758	PSI
(E) Second Initial Flow Pressure	53	58	PSI
(F) Second Final Flow Pressure	53	58	PSI
(G) Final Closed-in Pressure	761	748	PSI
(H) Final Hydrostatic Mud	1158	1155	PSI