

15-003-20446



28-225-18E

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

Company Glacier Petroleum Co. Lease & Well No. Spencer #1
Elevation 1037 Ground Level Formation Arbuckle Effective Pay - Ft. Ticket No. 23961
Date 12-22-75 Sec. 28 Twp. 22S Range 18E County Anderson State Kansas
Test Approved by William C. Bradley Western Representative Charles Branstetter

Formation Test No. 1 O.K. Misrun Interval Tested From 1539' to 1551' Total Depth 1551'
Size Main Hole 6 1/2 Rat Hole Conv B.T. Damaged Yes No Conv B.T. Damaged Yes No
Top Packer Depth 1539 Ft. Size 5 1/2 Bottom Packer Depth - Ft. Size -

Straddle Conv B.T. Damaged Yes No Packer Depth - Ft. Size -
Tool Size 4 1/2 OD Tool Joint Size 3 1/2 FH Anchor Length 12 Ft. Size 4 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 1543 Ft. Clock No. 4703 Depth 1547 Ft. Clock No. 10167
Top Make Kuster Cap. 4200 No. 1558 Inside Outside Bottom Make Kuster Cap. 3150 No. 1562 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 5:43A M
Tool Open I.F.P. From 5:45A M. to 6:15A M. - Hr. 30 Min. From (B) 9 P.S.I. To (C) 17 P.S.I.
Tool Closed I.C.I.P. From 6:15A M. to 6:45A M. - Hr. 30 Min (D) 515 P.S.I.
Tool Open F.F.P. From 6:45A M. to 7:15A M. - Hr. 30 Min. From (E) 34 P.S.I. To (F) 35 P.S.I.
Tool Closed F.C.I.P. From 7:15A M. to 7:45A M. - Hr. 30 Min. (G) 518 P.S.I.
Initial Hydrostatic Pressure (A) 770 P.S.I. Final Hydrostatic Pressure (H) 731 P.S.I. Maximum Temp. 83

INFORMATION

BLOW Weak blow throughout test

Did Well Flow Yes No Recovery Total Ft. 50' oil. 10' slightly oil cut mud.

Reversed Out Yes No Mud Type chem Viscosity 40 Weight 9.3 Water Loss - cc. Chlorides -

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 Aleo Drilg. Co. Length Drill Pipe? 1431 Ft. I.D. Drill Pipe 2.7 In. Tool Joint Size 3 1/2 FH In.
Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 90 Ft. I.D. Drill Collars 2 In.
Tool Joint Size 3 1/2 IF In. Length D.S.T. Tool 30 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 12-22-75 Test Ticket No. 23961
 Recorder No. 1558 Capacity 4200 Location 1543 Ft.
 Clock No. 4703 Elevation 1037 Ground Level Well Temperature 83 °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	770 P.S.I.	Open Tool	5:43 A.	
B First Initial Flow Pressure	9 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	17 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	515 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	34 P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F Second Final Flow Pressure	35 P.S.I.			
G Final Closed-in Pressure	518 P.S.I.			
H Final Hydrostatic Mud	731 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: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	9	0	17	0	34	0	35
P 2	5	10	3	335	5	34	3	422
P 3	10	11	6	451	10	34	6	458
P 4	15	11	9	470	15	34	9	479
P 5	20	13	12	481	20	35	12	495
P 6	25	15	15	489	25	35	15	501
P 7	30	17	18	496	30	35	18	507
P 8			21	503			21	511
P 9			24	508			24	516
P 10			27	512			27	518
P 11			30	515			30	518
P 12								
P 13								
P 14								
P 15								
P 16								
P 17								
P 18								
P 19								
P 20								



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	766	770	PSI
(B) First Initial Flow Pressure	10	9	PSI
(C) First Final Flow Pressure	31	17	PSI
(D) Initial Closed-in Pressure	515	515	PSI
(E) Second Initial Flow Pressure	40	34	PSI
(F) Second Final Flow Pressure	40	35	PSI
(G) Final Closed-in Pressure	515	518	PSI
(H) Final Hydrostatic Mud	750	731	PSI