WESTERN TESTERS

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

Company Glenn N. Rupe Lease & Well No. Ochs B-1

Elevation ____ Formation Toranto Effective Pay ____ Ft. Ticket No. 13095

Date 4-7-69 Sec. 13 Twp. 9 Range 28W County Sheridan State Kansas

Test Approved by Richard C. Davis Western Representative Gerrell Veatch

Formation Test No. 1 O.K. ____ Misrun ____ Interval Tested From 3853' to 3895' Total Depth 3895'

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

Top Packer Depth 3849 Ft. Size 6 3/4" Packer Depth 3853 Ft. Size 6 3/4"

Straddle ____ Yes ____ No X Conv. ____ B.T. ____ Damaged ____ Yes ____ No

Packer Depth ____ Ft. Size ____

Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2"F.H.&X.H Anchor Length 42 Ft. Size 5 1/2" O.D.

RECORDERS Depth 3880 Ft. Clock No. 9726 Depth 3885 Ft. Clock No. 9712

Top Make Kuster Cap. 4200 No. 3354 Inside Outside Bottom Make Kuster Cap. 3100 No. 1051 Inside Outside

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

Top Make ____ Cap. ____ No. ____ Inside Outside Bottom Make ____ Cap. ____ No. ____ Inside Outside

Time Set Packer 3:11 A. M

Tool Open I.F.P. From 3:15 M. to 3:45A. M. Hr. 30 Min. From (B) 44 P.S.I. To (C) 120 P.S.I.

Tool Closed I.C.I.P. From 3:45 M. to 4:15A. M. Hr. 30 Min. (D) 1305 P.S.I.

Tool Open F.F.P. From 4:15 M. to 5:15A. M. Hr. 60 Min. From (E) 131 P.S.I. To (F) 259 P.S.I.

Tool Closed F.C.I.P. From 5:15 M. to 5:45A. M. Hr. 30 Min. (G) 1292 P.S.I.

Initial Hydrostatic Pressure (A) 1986 P.S.I. Final Hydrostatic Pressure (H) 1978 P.S.I.

SURFACE INFORMATION	Size Choke	Max. Press. P.S.I.	Time	Description of Flow
	3/8 In.		M.	
			M.	
			M.	

BLOW Weak increasing to fair Bottom Choke Size 3/4 In.

Did Well Flow ____ Yes X No Recovery Total Ft. 10 feet muddy oil

480 feet salt water with scum of oil

Reversed Out ____ Yes X No Mud Type Chem. Viscosity 40 Weight 10.1 Water Loss 12 cc. Maximum Temp. 120 °F

Type Circ. Sub. Plug Did Tool Plug? No Jars: Size ____ Make ____ Ser. No. ____

EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Did Packer Hold? Yes Where? ____

Length Drill Pipe 2808 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 1025 ft. I.D. Weight Pipe 2.8 in. Length Drill Collars ____ ft.

I. D. Drill Collars ____ in. Length D.S.T. Tool 62 ft.

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WESTERN TESTING CO., INC.
Pressure Data

Date 4-7-69 Test Ticket No. 13095

Recorder No. 3354 Capacity 4200 Location 3880 Ft.

Clock No. 9726 Elevation Not available Well Temperature 120 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	1986 P.S.I.	Open Tool	3:11 A.M	
B	First Initial Flow Pressure	44 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	120 P.S.I.	Initial Closed-in Pressure	30 Mins.	33 Mins.
D	Initial Closed-in Pressure	1305 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	131 P.S.I.	Final Closed-in Pressure	30 Mins.	32 Mins.
F	Second Final Flow Pressure	259 P.S.I.			
G	Final Closed-in Pressure	1292 P.S.I.			
H	Final Hydrostatic Mud	1978 P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	44
P 2 5	55
P 3 10	69
P 4 15	83
P 5 20	97
P 6 25	109
P 7 30	120
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 11 Inc.
of 3 mins. and a
final inc. of ____ Min.

Point Minutes	Press.
0	120
3	696
6	1183
9	1244
12	1267
15	1280
18	1289
21	1297
24	1299
27	1301
30	1303
33	1305

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

Point Minutes	Press.
0	131
5	135
10	149
15	163
20	175
25	185
30	198
35	207
40	219
45	229
50	240
55	251
60	259

Final Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 2 Min.

Point Minutes	Press.
0	259
3	955
6	1189
9	1240
12	1257
15	1267
18	1274
21	1280
24	1284
27	1289
30	1291
32	1292

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Ochs # B-1

JKT-13095
Test #1