Company Wiley R. Ash, Sr. Lease & Well No. Mohr #1

Elevation 1312 Ground Level Formation Simpson Effective Pay -- Ft. Ticket No. 7813

Date 11/2/80 Sec. 8 Twp. 29S Range 2E County Sedgwick State Kansas

Test Approved by Toby Elster Western Representative Allen Edgington

Formation Test No. 1 Interval Tested from 3418 ft. to 3514 ft. Total Depth 3514 ft.

Packer Depth 3413 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3418 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3430 ft. Recorder Number 3354 Cap. 4200

Bottom Recorder Depth (Outside) 3433 ft. Recorder Number 10980 Cap. 4200

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

Drilling Contractor Triangle Drilling Rig #1 Drill Collar Length 360 I. D. 2¼ in.

Mud Type chemical Viscosity 48 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 11.2 cc. Drill Pipe Length 3060 I. D. 3.8 in.

Chlorides 3,200 P.P.M. Test Tool Length 20 ft. Tool Size 4½OD in.

Jars: Make No Serial Number - Anchor Length 96 ft. Size 4½OD in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

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

Blow: Very weak (about three surges) one minute - dead.

Recovered 2 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: After seventeen minutes on first opening, flushed tool.

Time Set Packer(s) 8:30 ~~A.M.~~ P.M. Time Started Off Bottom 10:30 ~~A.M.~~ P.M. Maximum Temperature 115°

Initial Hydrostatic Pressure ..... (A) 1677 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 19 P.S.I. to (C) 23 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 30 P.S.I.

Final Flow Period ..... Minutes 30 (E) 25 P.S.I. to (F) 22 P.S.I.

Final Closed In Period ..... Minutes 30 (G) 32 P.S.I.

Final Hydrostatic Pressure ..... (H) 1661 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 11/2/80 Test Ticket No. 7813

Recorder No. 3354 Capacity 4200 Location 3430 Ft.

Clock No. - Elevation 1312 Ground Level Well Temperature 115 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1677 P.S.I.	Open Tool	8:30P M	
B First Initial Flow Pressure	19 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	23 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	30 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	25 P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F Second Final Flow Pressure	22 P.S.I.			
G Final Closed-in Pressure	32 P.S.I.			
H Final Hydrostatic Mud	1661 P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	19
P 2 5	20
P 3 10	21
P 4 15	21
P 5 20	FLUSHED TOOL
P 6 25	27
P 7 30	23
P 8	
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 0 Min.

Point Minutes	Press.
0	23
3	22
6	22
9	22
12	22
15	22
18	23
21	24
24	26
27	28
30	30

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

Point Minutes	Press.
0	25
5	25
10	25
15	25
20	25
25	25
30	20

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

Point Minutes	Press.
0	22
3	23
6	24
9	25
12	26
15	27
18	28
21	29
24	30
27	31
30	32

Dkt # 7813

I