Company Kansas Oil Corporation — Lease & Well No. McFall #1

Elevation 1922 Kelly Bushing — Formation Viola — Effective Pay - Ft. — Ticket No. 8300

Date 1/19/81 — Sec. 28 — Twp. 29S — Range 13W — County Pratt — State Kansas

Test Approved by Robert L. Layman — Western Representative Jim Wondra

Formation Test No. 1 — Interval Tested from 4465 ft. to 4530 ft. — Total Depth 4530 ft.

Packer Depth 4460 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 4465 ft. — Size 63/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4488 ft. — Recorder Number 2607 — Cap. 4150

Bottom Recorder Depth (Outside) 4491 ft. — Recorder Number 3351 — Cap. 4000

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

Drilling Contractor Spartan Drilling Rig #2 — Drill Collar Length 220 — I. D. 2¼ in.

Mud Type drispac — Viscosity 41 — Weight Pipe Length - — I. D. - in.

Weight 9.4 — Water Loss 13.6 cc. — Drill Pipe Length 4224 — I. D. 3.8 in.

Chlorides 16,000 P.P.M. — Test Tool Length 21 ft. — Tool Size 5½OD in.

Jars: Make - — Serial Number - — Anchor Length 65 ft. — Size 5½OD 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 4½FH in.

Blow: Weak blow throughout test.

Recovered 65 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 8:10 A.M. ~~P.M.~~ — Time Started Off Bottom 10:10 A.M. ~~P.M.~~ — Maximum Temperature 129°

Initial Hydrostatic Pressure			(A) 2314	P.S.I.		
Initial Flow Period	Minutes 30	(B) 93	P.S.I. to	(C) 70	P.S.I.	
Initial Closed In Period	Minutes 30	(D) 91	P.S.I.			
Final Flow Period	Minutes 30	(E) 84	P.S.I. to	(F) 80	P.S.I.	
Final Closed In Period	Minutes 27	(G) 93	P.S.I.			
Final Hydrostatic Pressure			(H) 2293	P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 1/19/81 Test Ticket No. 8300

Recorder No. 2607 Capacity 4150 Location 4488 Ft.

Clock No. - Elevation 1922 Kelly Bushing Well Temperature 129 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2314 P.S.I.	Open Tool	8:10A M	
B First Initial Flow Pressure	93 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	70 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	91 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	84 P.S.I.	Final Closed-in Pressure	30 Mins.	27 Mins.
F Second Final Flow Pressure	80 P.S.I.			
G Final Closed-in Pressure	93 P.S.I.			
H Final Hydrostatic Mud	2293 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	93
P 2 5	80
P 3 10	74
P 4 15	72
P 5 20	72
P 6 25	72
P 7 30	70
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	70
3	70
6	70
9	72
12	72
15	75
18	79
21	82
24	84
27	88
30	91

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

Point Minutes	Press.
0	84
5	82
10	81
15	80
20	80
25	80
30	80

Final Shut-In
Breakdown: 9 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	80
3	82
6	84
9	86
12	87
15	88
18	89
21	90
24	91
27	93

TKT # 8300

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