WESTERN TESTERS

Home Office: Great Bend, Kansas

P. O. Box 793 GLadstone 3-7903

Company K. & E. Drilling Company, Inc. Lease & Well No. Davis Ranch #1-6

Elevation 1518 Kelly Bushings Formation Mississippi Ticket Number 6494

Date June 28, 1965 Sec. 6 Twp. 35 Range 14 County Barber State Kansas

Test Approved by Jack H. Brown Western Representative Leon Elmore

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Formation Test No. 1 O.K. x Misrun ____ Interval Tested From 4828' to 4853' Total Depth 4853'

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

Packer Depth 4823 Ft. Size 6 3/4 Packer Depth 4828' Ft. Size 6 3/4

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

Packer Depth ____ Ft. Size ____

Tool Size 5½ OD Tool Jt. Size 1278 4½ - 3½ FH Anchor Length 25 Ft. Size 5½ OD

RECORDERS Depth 4847 Ft. Clock No. 6861 Depth 4850 Ft. Clock No. 35

Top Make Amerada Cap. 4200 No. 1559 Inside Outside Bottom Make Western Cap. 4000 No. 152 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 8:44 M

Tool Open I.F.P. From 8:46 M to 9:01 M Hr. 15 Min. From (B) 41 P.S.I. To (C) 41 P.S.I.

Tool Closed I.C.I.P. From 9:01 M. to 9:46 M. Hr. 45 Min. (D) 1803 P.S.I.

Tool Open F.F.P. From 9:46 M. to 10:46 M. 1 Hr. ____ Min. From (E) 32 P.S.I. To (F) 41 P.S.I.

Tool Closed F.C.I.P. From 10:46 M. to 11:31 M. Hr. 45 Min. (G) 1806 P.S.I.

Initial Hydrostatic Pressure (A) 2681 P.S.I. Final Hydrostatic Pressure (H) 2676 P.S.I.

SURFACE INFORMATION	Size Choke	Max. Press. P.S.I.	Time	Description of Flow
	1/2 In.		M.	
			M.	
			M.	

BLOW Strong Gas to surface in seven minutes. Too weak to gauge. Bottom Choke Size 3/4 In.

Did Well Flow ____ Yes x No Recovery Total Ft. 50' drilling mud

Mud

Reversed Out ____ Yes x No Mud Type starch Viscosity 48 Weight 10.1 Maximum Temp. 124 °F

EXTRA EQUIPMENT: Dual Packers x Safety Joint ____ Jars: Size ____ Make ____ Ser. No. ____

Type Circ. Sub. plug Did Tool Plug? no Where? ____ Did Packer Hold? yes

Length Drill Pipe 3415 ft. I.D. Drill Pipe 3.8 in Length Weight Pipe 1278 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ____ ft.

I. D. Drill Collars ____ in. Length D.S.T. Tool 45 ft.

Remarks

WESTERN TESTING CO., INC.
Pressure Data

Date June 28, 1965 Test Ticket No. 6494

Recorder No. 1559 Capacity 4200 Location 4847 Ft.

Clock No. 6861 Elevation 1518 Kelly Bushings Well Temperature 124 °F

Point	Pressure		Time Given		Time Computed	
A Initial Hydrostatic Mud	2681	P.S.I.	Opened Tool	8:46	M	8:46
B First Initial Flow Pressure	41	P.S.I.	First Flow Pressure	15	Mins.	15 Mins.
C First Final Flow Pressure	41	P.S.I.	Initial Closed-in Pressure	45	Mins.	48 Mins.
D Initial Closed-in Pressure	1803	P.S.I.	Second Flow Pressure	60	Mins.	61 Mins.
E Second Initial Flow Pressure	32	P.S.I.	Final Closed-in Pressure	45	Mins.	46 Mins.
F Second Final Flow Pressure	41	P.S.I.				
G Final Closed-in Pressure	1806	P.S.I.				
H Final Hydrostatic Mud	2676	P.S.I.				

PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 3 Inc.		Breakdown: 16 Inc.		Breakdown: 12 Inc.		Breakdown: 15 Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 1 Min.		final inc. of 1 Min.	
Point Mins.	**Press.**	**Point Minutes**	**Press.**	**Point Minutes**	**Press.**	**Point Minutes**	**Press.**
P 1 0	41	0	41	0	32	0	41
P 2 5	41	3	169	5	32	3	217
P 3 10	41	6	330	10	32	6	464
P 4 15	41	9	460	15	32	9	585
P 5		12	581	20	32	12	730
P 6		15	708	25	32	15	893
P 7		18	839	30	32	18	1054
P 8		21	1008	35	32	21	1206
P 9		24	1129	40	32	24	1332
P10		27	1238	45	32	27	1392
P11		30	1357	50	41	30	1485
P12		33	1462	55	41	33	1567
P13		36	1544	60	41	36	1651
P14		39	1618	61	41	39	1715
P15		42	1691			42	1761
P16		45	1755			45	1799
P17		48	1803			46	1806
P18							
P19							
P20							

K & E Drlg. Co. Inc.
Davis Ranch 1-6

Test #1
T.K.T. #6494

