

10-21-14E

15-031-20242



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

Company Dunne Equities Inc. Lease & Well No. McCullough #3
Elevation Tight Hole Formation Simpson Effective Pay _____ Ft. Ticket No. 14912
Date 5-14-73 Sec. 10 Twp. 21S Range 14E County Coffey State Kansas
Test Approved by William C. Bradley Western Representative Ernest Luckert

Formation Test No. 1 O.K. Misrun _____ Interval Tested From 1925' to 1945' Total Depth 1945'
Size Main Hole 7 7/8" Rat Hole _____ Conv. _____ B.T. Damaged Yes No Conv. _____ B.T. _____ Damaged Yes _____ No
Packer Depth 1925 Ft. Size 6 3/4" Packer Depth _____ Ft. Size _____
Straddle Yes _____ No 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. Anchor Length 20 Ft. Size 5 1/2" O.D.
RECORDERS Depth 1928 Ft. Clock No. 9712 Depth 1931 Ft. Clock No. 6800
Top Make Kuster Cap 4150 No. 2606 ~~Inside~~ Outside Bottom Make Kuster Cap 4180 No. 3086 ~~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 12:28 P. M
Tool Open I.F.P. From 12:30 M. to 1:00P M. Hr. 30 Min. From (B) 21 P.S.I. To (C) 71 P.S.I.
Tool Closed I.C.I.P. From 1:00 M. to 1:30P M. Hr. 30 Min. (D) 531 P.S.I.
Tool Open F.F.P. From 1:30 M. to 3:00P M. 1 Hr. 30 Min. From (E) 93 P.S.I. To (F) 177 P.S.I.
Tool Closed F.C.I.P. From 3:00 M. to 3:30P M. Hr. 30 Min. (G) 518 P.S.I.
Initial Hydrostatic Pressure (A) 964 P.S.I. Final Hydrostatic Pressure (H) 951 P.S.I.

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

BLOW Fair and steady throughout Bottom Choke Size 3/4 In.

Did Well Flow Yes No _____ Recovery Total Ft. 450 feet total fluid
300 feet free oil
150 feet heavy oil cut mud - No water

Reversed Out Yes No _____ Mud Type Chem. Viscosity 36 Weight 9.3 Water Loss 14.0 cc. Maximum Temp. 99 °F
Type Circ. Sub. Pin Safety Joint No Jars: Size _____ Make _____ Ser. No. _____

EXTRA EQUIPMENT: Dual Packers No Did Packer Hold? Yes Did Tool Plug? No Where? _____

Length Drill Pipe 1496 ft. I.D. Drill Pipe 2.25 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 413 ft.
I.D. Drill Collars 2.125 in. Length D.S.T. Tool 36 ft.

Remarks _____

10-21-140

WESTERN TESTING CO., INC.
Pressure Data

Date 5-14-73 Recorder No. 2606 Capacity 4150 Test Ticket No. 14912
 Clock No. 9712 Elevation _____ Location 1928 Ft. _____
 Well Temperature 99 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	964	P.S.I.	12:30 _M	
B First Initial Flow Pressure	21	P.S.I.	30	30
C First Final Flow Pressure	71	P.S.I.	30	30
D Initial Closed-in Pressure	531	P.S.I.	90	90
E Second Initial Flow Pressure	93	P.S.I.	30	32
F Second Final Flow Pressure	177	P.S.I.		
G Final Closed-in Pressure	518	P.S.I.		
H Final Hydrostatic Mud	951	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In		
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>10</u> Inc.		
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a		
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>82</u> Min.		
Point Mins.	Press.	Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1	0	21	0	71	0	93	0	177
P 2	5	24	3	408	5	93	3	410
P 3	10	37	6	446	10	95	6	443
P 4	15	48	9	469	15	99	9	462
P 5	20	56	12	487	20	104	12	473
P 6	25	62	15	501	25	110	15	485
P 7	30	71	18	510	30	116	18	493
P 8			21	516	35	121	21	500
P 9			24	522	40	127	24	506
P10			27	528	45	131	27	510
P11			30	531	50	137	30	514
P12					55	143	32	518
P13					60	147		
P14					65	151		
P15					70	157		
P16					75	162		
P17					80	167		
P18					85	171		
P19					90	177		
P20								

