



PERMIAN TESTERS, INC.

P.O. BOX 6441

PHONE 366-0811

ODessa TEXAS

79762

TICKET NO 4752

DATE August 9, 1982

ORDER NO

DISTRICT Odessa

COMPANY Discovery Operating, Inc.

LEASE Whitten

FIELD WELL NO 1

COUNTY Lea

TEST NO 1

FORMATION New Mexico

DRILL STEM TEST DATA

STATE New Mexico

INTERVAL TESTED 9900

ELEVATION ANCHOR LENGTH 42'

BOTTOM HOLE CHOKE 5/8" SURFACE 1" Adj.

CUSHION None

HOLE AND MUD DATA

TIME TOOL OPENED

12:30 P.M.

TOOL OPEN BEFORE ISIP

INITIAL SHUT-IN

WELL OPEN

FINAL SHUT-IN

SURFACE ACTION

Pre-Flow: Opened tool with a weak to fair blow in 3 mins.

Increasing slightly to the end of the preflow. Still fair blow.

Final-Flow: Opened tool with a weak to fair blow in 3 mins.

Increasing slightly throughout final flow. Still fair blow at the

end of the final flow.

RECOVERY

Reversed Out

5200' Sulphur Water

Chlorides:

Top 8,000 PPM Rw 0.44 @ 78°

Middle 20,000 PPM Rw 0.23 @ 78°

Bottom 6,000 PPM Rw 0.67 @ 84°

REMARKS

SUCCESSFUL TEST

Yes

TESTER Steve Lewis

B.H. TEMPERATURE

156 °F

APPROVED BY

R. L. Shaw

RECORDER NO.

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A (INITIAL HYDROSTATIC PRESSURE)

4583 PSI

PSI

B (INITIAL PRE-FLOW PRESSURE)

468 PSI

PSI

C (FINAL PRE-FLOW PRESSURE)

15 MIN

831 PSI

PSI

D (INITIAL SHUT-IN PRESSURE)

60 MIN

3996 PSI

PSI

E (INITIAL FLOW PRESSURE)

1037 PSI

PSI

F (FINAL FLOW PRESSURE)

30 MIN

2683 PSI

PSI

G (FINAL SHUT-IN PRESSURE)

180 MIN

3917 PSI

PSI

H (FINAL HYDROSTATIC PRESSURE)

4579 PSI

PSI

NO PACKERS 2

SIZE PACKERS 6 3/4

CONVENTIONAL TEST YES

TOOL DATA

STRADDLE TEST

CSG TEST

RESISTIVITY 0.67 @ 84

CHLORIDE 6,000 PPM

WATER LOSS 15 VISCOSITY 34

MUD WT. 8.7 TYPE MUD Fresh

DEPTH OF CSG 4800 CASING SIZE 8 5/8

RAT HOLE 7 7/8 MAIN HOLE 7 7/8

TOTAL DEPTH 9942

TO 9942

ANCHOR LENGTH 42'

ELEVATION

GL

TYPE MUD

FRESH

CAKE 1/32

CAKE

1/32

CAKE

1/32

CAKE

1/32

CAKE

1/32

CAKE

1/32

TYPE TOOL

4 1/2 XH DP

4 1/2 XH DC

Circ. Sub. 9829

1 DC

Shut In

Samp. 6

Hyd. 4

Jars 5

Rec. 6

Safety 5

Packer 2

Packer 6

Packer 9900

Perf. 6

1 DC

Perf. 4.2

Rec. 4.2