



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

WELL NO 1

TEST NO 1

FORMATION

COUNTY Lea

STATE New Mexico

INTERVAL TESTED

9900 TO 9942

ELEVATION

CL

DRILL STEM TEST DATA

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

CUSHION None

TIME TOOL OPENED

12:30 P.M.

RECORDER DATA

TOOL OPEN BEFORE ISLP

15

MIN

TYPE

AK-I

CAPACITY 8200

INITIAL SHUT-IN

1

HRS

TOP

4334

DEPTH 9886

OL OPEN

1

HRS

MIN

BOTTOM

13,257

DEPTH 9939

FINAL SHUT-IN

3

HRS

CLOCK TOP

18 Hr.

BOTTOM 24 Hr.

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

B.H. TEMPERATURE

156 °F

TESTER Steve Lewis

APPROVED BY

R. L. Shaw

RECORDER NO

RECORDER NO

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

TOOL AND MUD DATA

TOTAL DEPTH 9942

9942

MAIN HOLE 7 7/8

RAT HOLE 7 7/8

4800

CASING SIZE 8 5/8

DEPTH OF CSG

8.7

TYPE MUD Fresh

MUD WT

15

VISCOSITY 34

WATER LOSS

6,000 PPM

CAKE 1/32

CHLORIDE

0.67

@ 84 °F

RESISTIVITY

NO PACKERS 2

STRADDLE TEST

SIZE PACKERS 6 3/4

CSG TEST

CONVENTIONAL TEST

Yes

TYPE TOOL

DEPTH

LENGTH

4 1/2 XH DP

9267

3.8 4.5

4 1/2 XH DC

561

2.3 6.5

Circ. Sub.

9829

1

I DC

31

Shut In

6

Samp.

4

Hyd.

5

Jars

6

Rec.

5

Safety

2

Packer

6

Packer

9900

Perf.

6

I DC

Perf.

Rec.

42