



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
STATE New Mexico
TEST NO 1
FORMATION
INTERVAL TESTED
9900 TO 9942
ELEVATION
ANCHOR LENGTH 42'

DRILL STEM TEST DATA

BOTTOM HOLE CHOKE 5/8"
SURFACE 1" Adj.
TIME TOOL OPENED 12:30 P.M.
TOOL OPEN BEFORE I.S.I.P. 15
TOOL SHUT-IN 1 HRS. 0
TOOL OPEN 1 HRS. 30
FINAL SHUT-IN 3 HRS. 0
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.

REORDER DATA

TYPE	AK-I	CAPACITY
TOP	4334	9886
BOTTOM	13,257	9939

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

	REORDER NO	REORDER NO	REORDER NO
A	(INITIAL HYDROSTATIC PRESSURE)	4583	PSI
B	(INITIAL PRE-FLOW PRESSURE)	468	PSI
C	(FINAL PRE-FLOW PRESSURE)	831	PSI
D	(INITIAL SHUT-IN PRESSURE)	3996	PSI
E	(INITIAL FLOW PRESSURE)	1037	PSI
F	(FINAL FLOW PRESSURE)	2683	PSI
G	(FINAL SHUT-IN PRESSURE)	3917	PSI
H	(FINAL HYDROSTATIC PRESSURE)	4579	PSI

HOLE AND MUD DATA

TOTAL DEPTH	9942	MAIN HOLE	7 7/8
RAT HOLE	7 7/8	CASING SIZE	8 5/8
DEPTH OF CSG	4800	TYPE MUD	Fresh
MUD WT	8.7	VISCOSITY	34
WATER LOSS	15	CAKE	17
CHLORIDE	6,000 PPM		
RESISTIVITY	0.67		84

TOOL DATA

NO PACKERS	2	STRADDLE TEST
SIZE PACKERS	6 3/4	CSG TEST
CONVENTIONAL TEST	Yes	

TYPE TOOL	DEPTH	LENGTH	ID	OD
4 1/2 XH DP		9267	3.8	4.5
4 1/2 XH DC		561	2.3	6.5
Circ. Sub.	9829			
1 DC		31		
Shut In		6		
Samp.		4		
Hyd.		5		
Jars		6		
Rec.		5		
Safety		2		
Packer		6		
Packer	9900	6		
Perf.				
1 DC				
Perf.				
Rec.		42		

DRLG. CONT Landis RIG # 3