



PERMIAN TESTERS, INC.

P.O. BOX 6441 • PHONE 366-0811
ODESSA, TEXAS

79762

TICKET NO. 4471
DATE January 11, 1982
ORDER NO.
DISTRICT Odessa

COMPANY Coquina Oil Corporation
LEASE Vasquez
FIELD Malaga
WELL NO 1
COUNTY Eddy
STATE New Mexico
TEST NO 3
FORMATION INTERVAL TESTED
MORROW ELEVATION 2984 GL
12,586 TO 12,900 ANCHOR LENGTH 314'

DRILL STEM TEST DATA
BOTTOM HOLE CHOKE 3/8" SURFACE 1" Adj.
CUSHION 2000
TIME TOOL OPENED 12:27 P.M.
TOOL OPEN BEFORE ISIP.
TOOL SHUT-IN 15 MIN TYPE AK-1 CAPACITY 8100
TOOL OPEN 1 HRS TOP 11,093 DEPTH 12,616
TOOL OPEN 1 HRS BOTTOM 13,204 DEPTH 12,897
TOOL SHUT-IN 2 HRS CLOSURE TOP 18 Hrs. BOTTOM 24 Hrs.
SURFACE ACTION Pre-Flow: Opened tool with a weak blow, increasing quickly.
10 mins. into preflow, opened to pit on 1" choke at 300 lbs.
Tool closed with 550 lbs. on 1" choke. Gas to surface - 18 mins.
into I.S.I. at 12,000 MCF/Day.

Final Flow: Opened tool with 12,000 MCF/Day and increasing for
20 mins.; unloaded water blanket then began decreasing
Flow rate @ 10 mins. 13,000 MCF/Day; @ 20 mins. -10,000 MCF/Day;
@ 30 mins. 10,400 MCF/Day; @ 40 mins. 10,200 MCF/Day; @ 50 mins.
10,000 MCF/Day; @ 60 mins. 9100 MCF/Day.

Recovery 927' Fluid
747' Cut Drlg. Mud
180' Water Cut Mud
Chlorides: Top 126,000 PPM R_w .61 @ 500
Middle 127,000 PPM R_w .61 @ 500
Bottom 153,000 PPM R_w .36 @ 500

REMARKS
SUCCESSFUL TEST Yes B.H. TEMPERATURE 184 °F
TESTER F. W. Anderson APPROVED BY Milton Castleman

	REORDER NO.	REORDER NC.
A (INITIAL HYDROSTATIC PRESSURE)	6406 PSI	PSI
B (INITIAL PRE-FLOW PRESSURE)	1779 PSI	PSI
C (INITIAL PRE-FLOW PRESSURE)	15 MIN 1955 PSI	PSI
D (INITIAL SHUT-IN PRESSURE)	60 MIN 5597 PSI	PSI
E (INITIAL FLOW PRESSURE)	2596 PSI	PSI
F (INITIAL FLOW PRESSURE)	60 MIN 2286 PSI	PSI
G (INITIAL SHUT-IN PRESSURE)	120 MIN 5508 PSI	PSI
H (FINAL HYDROSTATIC PRESSURE)	6406 PSI	PSI

HOLE AND MUD DATA
TOTAL DEPTH 12,900 MAIN HOLE 6 1/2
RAT HOLE 6 1/2 CASING SIZE 7 5/8
DEPTH OF CSG 12,120 TYPE MUD St.
MUD WT. 10.0 VISCOSITY 33
WATER LOSS 5.8 CAKE 1/3
CHLORIDE 122,000 PPM
RESISTIVITY .6 @ 50 °F

TOOL DATA
NO PACKERS 2 STRADDLE TEST
SIZE PACKERS 5 3/4 CSG TEST
CONVENTIONAL TEST Yes

TYPE TOOL	DEPTH	LENGTH	ID	OD
4 1/2" XH DP		11,872	3.8	4.5
3 1/2" IF DC		587	2	5
Circ. Sub	12,460			
3 1/2" IF DC		93	2	5
Shut In				
Samp.				
Hyd.				
Jars				
Safety				
Packer				
Packer	12,586			
Perf.				
Perf.				
Perf.				
Rec.				
DC				
Perf.				
Perf.				
Rec.		314		
Floor Man.				
DRLG. CONT	Ard			RIG # 3