

DRILL STEM TEST DATA

COMPANY Amerind Oil Company Limited Partnership COUNTY Lea
 LEASE NAME & NO. West Knowles #1 STATE New Mexico
 INTERVAL TESTED 11,473 to 11,576 103' FORMATION STRAWN

DATE Aug. 1, 1990
 TICKET # 6966
 TEST # 1

BOTTOM HOLE CHOKE 5/8" SURFACE 1" CUSHION None ELEVATION G.L.

TIME TOOL OPENED 5:50 A.M.

TOOL OPEN BEFORE I.S.P. 05 MIN. TYPE AK-1 CAPACITY 8375

INITIAL SHUT-IN - HRS. 30 MIN. TOP 13,390 DEPTH 11,456

TOOL OPEN - HRS. - MIN. BOTTOM 13,391 DEPTH 11,573

FINAL SHUT-IN - HRS. - MIN. CLOCK: TOP 24 hr. BOTTOM 24 hr.

SURFACE ACTION

Pre-flow: Opened with a very, very weak blow, barely skimming top of water and remained same.

Note: Did not take final flow, for final shut-in

RECOVERY

10' Drilling Mud. Chlorides 3,000 P.P.M. Rw 1.4 @ 60°
 No sign of oil or gas.

SUCCESSFUL TEST Yes.

	RECORDER NO.
	13,390
A (INITIAL HYDROSTATIC PRESSURE)	5053.9 P.S.I.
B (INITIAL PRE-FLOW PRESSURE)	28.7 P.S.I.
C (FINAL PRE-FLOW PRESSURE) 5 MIN.	20.5 P.S.I.
D (INITIAL SHUT-IN PRESSURE) 32 MIN.	1564.8 P.S.I.
E (INITIAL FLOW PRESSURE)	- P.S.I.
F (FINAL FLOW PRESSURE) MIN.	- P.S.I.
G (FINAL SHUT-IN PRESSURE) MIN.	- P.S.I.
H (FINAL HYDROSTATIC PRESSURE)	5059.1 P.S.I.

HOLE AND MUD DATA

TOTAL DEPTH	11,576	MAIN HOLE	7 7/8
DEPTH OF CSG.	4200	CASING SIZE	8 5/8
MUD WT.	8.6	VISCOSITY	33
WATER LOSS	10	CAKE	1/32
TYPE MUD	Gel		
CHLORIDE	3,000 P.P.M.		
RESISTIVITY	1.4	@ 60 °F	

TOOL DATA

NO. PACKERS 2				
SIZE PACKERS 6 3/4"				
CONVENTIONAL TEST Yes				
TYPE TOOL	DEPTH	LENGTH	I.D.	O.D.
4½ XH DP		10,842	3.2	4.5
4½ H90 DC		497	2.3	6.25
Cir.Sub.	11,340	1		
3 DC		93		
XO Sub.		1		
Shut-in		6		
Sampler		3		
Hyd. Tool		5		
Jars		6		
Recorder		5		
S.J.		2		
Packer	11,467	6		
Packer	11,473	6		
Shoe				
3'Perf.				
3 DC				
Perf.&Rec.		103		
DRLG. CONT.		ZiaDril	RIG #	2

SAMPLER REPORT

PRESSURE IN SAMPLER	0	PSI
BHT	148 °F @ 11,455	F.T.
OIL:		CC.
WATER:		CC.
MUD:	1400	CC.
GAS:		CU.FT.
RESISTIVITY	1.4 @ 60	°F
CHLORIDE	3,000	PPM.
GRAVITY	•API @	°F
CAPACITY	1500	

MARKS:

STER Glen Hogue, Jr.

PROVED BY: James E. Yeley