



PERMIAN TESTERS, INC.

P. O. BOX 6441 • PHONE 366-0811
ODESSA, TEXAS 79762

TICKET NO 6060
DATE November 21, 1985
ORDER NO
DISTRICT Odessa

COMPANY Aerind Oil Company
LEASE Shipp
FIELD Casey Strawn
WELL NO 1
COUNTY Lea
STATE New Mexico
TEST NO 1
FORMATION Interval Tested
11,225 TO 11,299
ELEVATION 3784'
GL ANCHOR LENGTH 74'

DRILL STEM TEST DATA

BOTTOM HOLE CHOKE	5/8"	SURFACE	1" Adj.	CUSHION	None
TIME TOOL OPENED	5:41 A.M.	10 MIN	TYPE	AK-I	CAPACITY 8200
TOOL SHUT-IN	1 HRS.	0 MIN	TOP	4334	DEPTH 11,212
TOOL OPEN	1 HRS.	0 MIN	BOTTOM	4335	DEPTH 11,296
FINAL SHUT-IN	3 HRS.	0 MIN	CLOCK TOP	24 Hr.	BOTTOM 24 Hr.

SURFACE ACTION Pre-Flow: Opened tool with a weak to a fair blow in 1 min. Gas to surface in 9 mins. with 40 lbs. on $\frac{1}{4}$ " choke at 10 mins. (285 MCF/Day)
Final-Flow: Opened tool with a weak to a fair blow in 1 min., 36 lbs. on $\frac{1}{4}$ " choke at 20 mins. (70.3 MCF/Day); 90 lbs. on $\frac{1}{4}$ " choke in 40 mins. (145.3 MCF/Day); 135 lbs. on $\frac{1}{4}$ " choke at 1 hr., (228.2 MCF/Day). Oil to surface in 10 mins. into final shut in.

RECOVERY Total Fluid Flowed and reversed out
66 Bbls. Oil Gravity 40 @ 60°

REMARKS

SUCCESSFUL TEST Yes B H TEMPERATURE 164 °F
TESTER Steve Lewis APPROVED BY Jim Clowe

	RECORDER NO.	RECORDER NO.	RECORDER NO.
A	(INITIAL HYDROSTATIC PRESSURE)	4335	PSI
B	(INITIAL PRE-FLOW PRESSURE)	5214	PSI
C	(FINAL PRE-FLOW PRESSURE)	1143	PSI
D	(INITIAL SHUT-IN PRESSURE)	10 MIN	PSI
E	(INITIAL FLOW PRESSURE)	60 MIN	PSI
F	(FINAL FLOW PRESSURE)	1029	PSI
G	(FINAL SHUT-IN PRESSURE)	60 MIN	PSI
H	(FINAL HYDROSTATIC PRESSURE)	1 80 MIN	PSI
		3658	PSI
		5165	PSI

HOLE AND MUD DATA

TOTAL DEPTH	11,299	MAIN HOLE	7 7/8
RAT HOLE		CASING SIZE	8 5/8
DEPTH OF CSG.	4200	TYPE MUD	F.Gel
MUD WT.	8.9	VISCOSITY	36
WATER LOSS	10	CAKE	1/32
CHLORIDE	1,000 PPM		
RESISTIVITY	6.2	@	60 °F

TOOL DATA

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

TYPE TOOL	DEPTH	LENGTH	I.D.	O.D.
4 1/2 XH DP		11,607	3.8	4.5
4 1/2 XH DC		454	2.3	6.25
Circ. Sub	11062	1		
4 DC		124		
Shut In		6		
Samp.		4		
Hyd.		5		
Jars		6		
Rec.		5		
Safety		2		
Packer		6		
Packer	11225	5		
Perf.				
2 DC				
Perf.				
Rec.		74		

Hando



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79762

TEST TICKET NO. 6060

PRESSURE BREAKDOWN

Date November 21, 1985

Company Amerind Oil Company County Lea

Well Name & No. Shipp # 1 State New Mexico

DST No. 1 Tool Open 10 Min. For Pre Flow Tool Closed 62 Min. For ISIP

Interval 11,225 To 11,299 Tool Open 60 Min. For Final Flow Tool Closed 200 Min. For FSIP

INITIAL SHUT-IN				Recorder	4335	FINAL SHUT-IN			
Time Deflection	Min.	Deflection	Pressure		Time Deflection	Min.	Deflection	Pressure	
	0		1147			0		1966	
	1		1252			1		2079	
	2		1441			2		2267	
	3		1723			3		2475	
	4		2546			4		2696	
	5		3295			5		2942	
	6		3502			6		3203	
	7		3552			7		3440	
	8		3585			8		3496	
	9		3598			9		3519	
	10		3607			10		3531	
	12		3624			12		3556	
	14		3643			14		3573	
	16		3651			16		3585	
	18		3660			18		3598	
	20		3664			20		3606	
	22		3668			22		3610	
	24		3670			24		3614	
	26		3672			26		3616	
	28		3674			28		3618	
	30		3676			30		3620	
	35		3678			35		3627	
	40		3680			40		3631	
	45		3683			45		3633	
	50					50		3635	
	55					55		3637	
	60					60		3639	
	62		3683			70		3645	
						80		3647	
						90		3649	
						100		3651	
						120		3654	
						140		3656	
						160		3658	
						180		3658	
						200		3658	

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BOTTOM HOLE SAMPLER REPORT

Date November 21, 1985 Ticket No. 6060
Company Amerind Oil Company
Well Name & No. Shipp # 1 DST No. 1
County Lea State New Mexico
Sampler No. Test Interval 11,225 To 11,299
Pressure In Sampler 1400 PSI BHT 164. °F

Total Volume of Sampler: 2000 cc.
Oil: 1120 cc.
Water: cc.
Mud: cc.
Gas: 8.1 cu. ft.
Other:

Resistivity

Drilling Fluid in Pits 6.2 @ 60 °F Chloride Content 1,000 ppm.
Fluid from Sampler @ °F Chloride Content ppm.
Gas/Oil Ratio Gravity 40 -API @ 60 °F
Where was sample drained Rig

Remarks:

← TIME

← PRESSURE →

