



PERMIAN TESTERS, INC.

P. O. BOX 6441 • PHONE 366-0811

ODessa, TEXAS

79762

TICKET NO. 5452
DATE July 21, 1985
ORDER NO.
DISTRICT Odessa

COMPANY Amerind Oil Company

LEASE Speight

FIELD

WELL NO. 2

COUNTY Lea

STATE New Mexico

TEST NO. 1

FORMATION

INTERVAL TESTED

Lower Strawn

ELEVATION 3790' CL

11,300 TO 11,432 ANCHOR LENGTH 132'

DRILL STEM TEST DATA

BOTTOM HOLE CHOKE	5/8"	SURFACE	1" Adj.	CUSHION	None
TIME TOOL OPENED	5:25 A.M.	10 MIN	TYPE	RECORDER DATA	8200
TOOL OPEN BEFORE SLIP	1 HRS.	30 MIN	TOP	DEPTH	11,286
AL SHUT-IN	1 HRS.	0 MIN	BOTTOM	DEPTH	11,429
AL OPEN	3 HRS.	0 MIN	CLOCK TOP	18 Hr.	BOTTOM 24 Hr.
FINAL SHUT-IN	Pre-Flow: Opened tool with a fair blow. Increased to 2 1/2 lbs. at 15 mins.				
SURFACE ACTION	Final-Flow: Opened tool with a good blow. Increasing to 2 1/2 lbs. at 5 mins. Opened to pit on 1/4" choke at 10 mins. Blow decreased from 1 1/2 lbs. at 1/4 lb. at 60 mins.				

TOTAL DEPTH	11,432	MAIN HOLE	7 7/8
RAT HOLE	7 7/8	CASING SIZE	8 5/8
DEPTH OF CSG.	4200	TYPE MUD, W. Gel	
MUD WT.	8.8	VISCOSITY	35
WATER LOSS	10	CAKE	1/32
CHLORIDE	7,000 PPM		
RESISTIVITY	1.0		60 T

TOOL DATA

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

RECOVERY	Approx. 9500' Gas in Drill Pipe Total 220'
50' Free Oil	
170' Gas Cut Drlg. Mud	
Chlorides: Top	Gravity 42 @ 60°
Middle	7,000 PPM Rw 1.0 @ 60°
Bottom	7,000 PPM Rw 1.0 @ 60°

REMARKS

SUCCESSFUL TEST	Yes	B.H. TEMPERATURE	162 °F
TESTER	Don Terhune	APPROVED BY	Jim Clowe

RECORDER NO.	10,213	RECORDER NO.	
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A	(INITIAL HYDROSTATIC PRESSURE)	5247 PSI	PSI
B	(INITIAL PRE-FLOW PRESSURE)	144 PSI	PSI
C	(FINAL PRE-FLOW PRESSURE)	101 PSI	PSI
D	(INITIAL SHUT-IN PRESSURE)	957 PSI	PSI
E	(INITIAL FLOW PRESSURE)	171 PSI	PSI
F	(FINAL FLOW PRESSURE)	128 PSI	PSI
G	(FINAL SHUT-IN PRESSURE)	1319 PSI	PSI
H	(FINAL HYDROSTATIC PRESSURE)	5227 PSI	PSI

TYPE TOOL	DEPTH	LENGTH	I.D.	O.D.
4 1/2 XH DP		10061	3.8	4.5
4 1/2 XH DC		300	2.3	6.25
Circ. Sub	11141	1		
1 DC		29		
Shut In		6		
Samp.		3		
Hyd.		5		
Jars		6		
Rec.		5		
Safety		2		
Packer		6		
Packer	11300	6		
Perf.				
4 DC				
Perf.				
Rec.		132		

DRUG CONT	Landis <th>RIG #</th> <td>1</td>	RIG #	1
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TEST TICKET NO. 5452

PRESSURE BREAKDOWN

Date July 21, 1985

Company Amerind Oil Company County Lea

Well Name & No. Speight # 2 State New Mexico

DST No. 1 Tool Open 10 Min. For Pre Flow Tool Closed 92 Min. For ISIP

Interval 11,300 to 11,432 Tool Open 60 Min. For Final Flow Tool Closed 182 Min. For FSIP

INITIAL SHUT-IN				Recorder	10,213	FINAL SHUT-IN			
Time Deflection	Min.	Deflection	Pressure		Time Deflection	Min.	Deflection	Pressure	
	0		101			0		128	
	2		105			2		134	
	4		109			4		152	
	6		113			6		171	
	8		119			8		191	
	10		127			10		218	
	12		136			12		249	
	18		171			18		323	
	27		233			36		498	
	38		284			54		630	
	45		311			72		755	
	54		346			90		874	
	63		518			108		973	
	72		681			126		1066	
	81		817			144		1160	
	90		926			162		1241	
	92		957			180		1315	
						182		1319	

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BOTTOM HOLE SAMPLER REPORT

Date July 21, 1985 Ticket No. 5452
Company Amerind Oil Company
Well Name & No. Speight # 2 DST No. 1
County Lea State New Mexico
Sampler No. _____ Test Interval 11,300 To 11,432
Pressure in Sampler 475 PSI BHT 162 °F

Total Volume of Sampler: 1800 cc.
Oil: 20 cc.
Water: _____ cc.
Mud: 630 cc.
Gas: 1.673 cu. ft.
Other: _____

Resistivity

Drilling Fluid In Pits 1.0 @ 60 °F Chloride Content 7,000 ppm.
Fluid from Sampler 1.0 @ 60 °F Chloride Content 7,000 ppm.
Gas/Oil Ratio _____ Gravity 42 -API @ 60 °F
Where was sample drained Rig

Remarks: _____

↑ TIME

→ PRESSURE

