



PERMIAN TESTERS, INC.

P. O. BOX 6441 • PHONE 366-0811
ODESSA, TEXAS 79767

TICKET NO. 6603
DATE October 10, 1987
ORDER NO.
DISTRICT

COMPANY Amerind Oil Company
LEASE State "3"
WELL NO. 2
TEST NO. 3
FORMATION
FIELD Shipp Strawn
COUNTY Lea
STATE New Mexico
INTERVAL TESTED 11,287 TO 11,520
ANCHOR LENGTH 233'

DRILL STEM TEST DATA

BOTTOM HOLE CHOKE	SURFACE	1" Adj.		CUSHION NONE	
		REORDER DATA	REORDER DATA	REORDER DATA	REORDER DATA
TIME TOOL OPENED	2:40 A.M.	10	MIN.	TYPE	AK-1
TOOL OPEN BEFORE ISIP					
INITIAL SHUT-IN	1 HRS.	TOP	13,390	DEPTH	8375
TOOL OPEN	2 HRS.	BOTTOM	13,391	DEPTH	11,270
FINAL SHUT-IN	5 HRS.	CLOCK TOP	24 hr.	BOTTOM	11,517
SURFACE ACTION					

Pre-flow: Opened with a weak blow, 1/2" in water column, and remained same throughout flow.

Final Flow: Opened with a weak blow, 1/2" in water column, built steadily throughout flow to fair blow at 90 minutes (7" in water column). 10" in water column at 120 minutes.

RECOVERY

2072' Gas in Drill String.
215' Drilling Mud, Slightly Oil and Gas Cut.
Chlorides - Top 20,000 P.P.M. Rw .36 @ 60°.
Middle 21,000 P.P.M. Rw .34 @ 60°.
Bottom 25,000 P.P.M. Rw .30 @ 60°.

MARKS

ACCESSFUL TEST Yes.
STER Glen Hogue, Jr.
B.H. TEMPERATURE 160 °F @ 11,269'
APPROVED BY Jim Yeley

	REORDER NO.	REORDER NO.	REORDER NO.
A (INITIAL HYDROSTATIC PRESSURE)	13,391	5548	PSI
B (INITIAL PRE-FLOW PRESSURE)		245	PSI
C (FINAL PRE-FLOW PRESSURE)	10 MIN	220	PSI
D (INITIAL SHUT-IN PRESSURE)	60 MIN	3757	PSI
E (INITIAL FLOW PRESSURE)		230	PSI
F (FINAL FLOW PRESSURE)	120 MIN	238	PSI
G (FINAL SHUT-IN PRESSURE)	300 MIN	4294	PSI
H (FINAL HYDROSTATIC PRESSURE)		5548	PSI

HOLE AND MUD DATA

TOTAL DEPTH	11,520	MAIN HOLE	7 7/8
RAT HOLE		CASING SIZE	8 5/8
DEPTH OF CSG.	4211	TYPE MUDST.	Gel
MUD WT.	9.1	VISCOSITY	34
WATER LOSS	18.6	CAKE	1/32
CHLORIDE	21,000 P.P.M.		
RESISTIVITY	.34	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		10,756	3.8	4.5
4 1/2 XH DC		430	2.3	6.25
Cir.Sub.	11,187	1		
2 DC		61		
Shut-in		6		
Sampler		3		
Hyd.		5		
Jars		6		
Recorder		5		
S.J.		2		
Packer	11,281	6		
Packer	11,287	6		
Perf.				
7 DC				
Perf.&Red.		233		

DRLG. CONT.

MeVey

RIG # 4



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79762

TEST TICKET NO. 6603

PRESSURE BREAKDOWN

Date October 10, 1987

Company Amerind Oil Company County Lea

Well Name & No. State "3" #2 State New Mexico

DST No. 3 Tool Open 10 Min. For Pre Flow Tool Closed 56 Min. For ISIP

Interval 11287 To 11520 Tool Open 120 Min. For Final Flow Tool Closed 300 Min. For FSIP

INITIAL SHUT-IN				24 Hr. FINAL SHUT-IN			
Time Deflection	Min.	Deflection	Pressure	Time Deflection	Min.	Deflection	Pressure
	0		220		0		238
	1		241		1		259
	2		264		2		280
	3		297		3		301
	4		331		4		324
	5		377		5		345
	6		431		6		366
	7		496		7		385
	8		596		8		404
	9		669		9		423
	10		795		10		441
	15		1475		15		565
	20		2148		20		680
	25		2591		25		810
	30		2905		30		923
	35		3134		35		1054
	40		3331		40		1182
	45		3494		45		1310
	50		3619		50		1450
	55		3738		55		1600
	56		3757		60		1726
					70		2004
					80		2272
					90		2525
					100		2755
					110		2960
					120		3142
					130		3303
					140		3439
					150		3565
					160		3674
					170		3759
					180		3837
					210		4025
					240		4151
					270		4235
					300		4294

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BOTTOM HOLE SAMPLER REPORTDate October 10, 1987 Ticket No. 6603Company Amerind Oil CompanyWell Name & No. State "3" #2 DST No. 3County Lea State New MexicoSampler No. Test Interval 11,287 to 11,520Pressure in Sampler 100 PSI BHT 160 °FTotal Volume of Sampler: 1500 cc.Oil: 380 cc.Water: cc.Mud: 920 cc.Gas: .09 cu. ft.Other: **Resistivity**Drilling Fluid In Pits .34 @ 60 °F Chloride Content 21,000 ppm.Fluid from Sampler .31 @ 60 °F Chloride Content 24,000 ppm.Gas/Oil Ratio Gravity 42 °API @ 60 °FWhere was sample drained Rig. Remarks:

RECEIVED
NOV 3 1987
OCD
HOBBS OFFICE

← TIME →

← PRESSURE →

