

FRIER STATE 29

Lease Name

1

Well No.

2

Test No.

9990 - 10011'

Tested Interval

HARPER OIL COMPANY

Lease Owner/Company Name

Legal Location
Sec. Twp. - Rng.

29 12S 34 E

Field Area

WEST TATUM

County

LEA

State

NEW MEXICO

FLUID SAMPLE DATA				Date 2-1-80		Ticket Number 715819	
Sampler Pressure _____ P.S.I.G. at Surface				Kind of Job OPEN HOLE PACKER		Halliburton District HOBBS	
Recovery: Cu. Ft. Gas _____				DRILL STEM TEST			
cc. Oil 600 cc				Tester MR. WILLIAMS		Witness MR. HARRINGTON	
cc. Water _____				Drilling Contractor WARTON DRILLING COMPANY RIG # 2 sm			
cc. Mud _____				EQUIPMENT & HOLE DATA			
Tot. Liquid cc. 600 cc				Formation Tested Bough C			
Gravity 48.4 ° API @ 60 ° F.				Elevation 4209' Kelly bushing Ft.			
Gas/Oil Ratio _____ cu. ft./bbl.				Net Productive Interval 21' Ft.			
RESISTIVITY _____ CHLORIDE CONTENT _____				All Depths Measured From Kelly bushing			
Recovery Water @ _____ ° F. _____ ppm				Total Depth 10011' Ft.			
Recovery Mud @ _____ ° F. _____ ppm				Main Hole/Casing Size 7 7/8"			
Recovery Mud Filtrate @ _____ ° F. _____ ppm				Drill Collar Length 735' I.D. 2.375"			
Mud Pit Sample @ _____ ° F. _____ ppm				Drill Pipe Length 9211' I.D. 3.826"			
Mud Pit Sample Filtrate @ _____ ° F. _____ ppm				Packer Depth(s) 9983-9990' Ft.			
Mud Weight 9.7 vis 51 sec sp				Depth Tester Valve 9951' Ft.			
Cushion		TYPE	AMOUNT	Depth Back Ft.	Surface Choke	Floor manifold	Bottom Choke .75"
Recovered		360	Feet of	gas cut drilling mud			
Recovered		470	Feet of	slight gas cut free oil			
Recovered		30	Feet of	gas cut salt water			
Recovered			Feet of				
Recovered			Feet of				
Remarks		SEE PRODUCTION TEST DATA SHEET					
UTR = Unable to read.....							
TEMPERATURE	Gauge No. 1928	Gauge No. 1927	Gauge No.	TIME			
	Depth: 9970 Ft.	Depth: 10005 Ft.	Depth:				
Est.	24 Hour Clock	24 Hour Clock	Hour Clock				
° F.	Blanked Off NO	Blanked Off YES	Blanked Off				
Actual 146 ° F.	Pressures		Pressures		Pressures		
	Field	Office	Field	Office	Field	Office	
Initial Hydrostatic	5204	UTR	5179	5222.9			
First Period	Flow Initial	91	95.8	93	86.4		
	Flow Final	137	130.1	140	119.1	30	26
	Closed in	3216	3230.2	3202	3181.5	60	61
Second Period	Flow Initial	137	125.5	140	114.4		
	Flow Final	255	262.5	280	254.6	90	93
	Closed in	3216	3189.6	3156	3181.5	187	187
Third Period	Flow Initial						
	Flow Final						
	Closed in						
Final Hydrostatic	5114	5119.1	5133	5043.6			