

FLUID SAMPLE D, A				Date 5-19-80		Ticket Number 618393	
Sampler Pressure 1050 P.S.I.G. at Surface				Kind of D.S.T. OPEN HOLE		Holliburton Location HOBBS	
Recovery: Cu. Ft. Gas 10.5				Tester MR. LONG		Witness DANNY HUGGINS	
cc. OILX 700 Distillate				Drilling Contractor REPUBLIC DRILLING COMPANY RIG # 4 sm			
cc. Water				EQUIPMENT & HOLE DATA			
cc. Mud				Formation Tested Montoya Fusselman			
Tot. Liquid cc.				Elevation 4020' ground level Ft.			
Gravity * API @ * F.				Net Productive Interval 83' Ft.			
Gas/Oil Ratio cu. ft./bbl.				All Depths Measured From Kelly bushing			
RESISTIVITY CHLORIDE CONTENT				Total Depth 6730' Ft.			
Recovery Water @ * F. ppm				Main Hole/Casing Size 8 3/4"			
Recovery Mud @ * F. ppm				Drill Collar Length 689' I.D. 2 13/16"			
Recovery Mud Filtrate @ * F. ppm				Drill Pipe Length 5923' I.D. 3.826"			
Mud Pit Sample @ * F. ppm				Packer Depth(s) 6641-6648' Ft.			
Mud Pit Sample Filtrate @ * F. ppm				Depth Tester Valve 6625' Ft.			
Mud Weight 10 vis 47 sec.							
TYPE		AMOUNT		Depth Back		Surface	
Cushion				Ft. Pres. Valve		Choke 1" Adj. Bottom Choke .75"	
Recovered 6400		Feet of		distillate, gas and gas cut mud			
Recovered		Feet of		RECEIVED			
Recovered		Feet of		JUN 18 1980			
Recovered		Feet of		O. C. D.			
Recovered		Feet of		ARTESIA, OFFICE			
Remarks SEE PRODUCTION TEST DATA SHEET....Tried to reverse out, plugged....							
went down drill pipe - got circulation...pumped down annulus and							
reversed out.							
TEMPERATURE		Gauge No. 7653		Gauge No. 7652		Gauge No.	
		Depth: 6627 Ft.		Depth: 6726 Ft.		Depth: Ft.	
Est. * F.		24 Hour Clock		24 Hour Clock		Hour Clock	
		Blanked Off NO		Blanked Off YES		Blanked Off	
Actual 131 F.		Pressures		Pressures		Pressures	
		Field Office		Field Office		Field Office	
Initial Hydrostatic		3528 3506.5		3518 3547.7			
First Period	Flow Initial	1400 1268.3		1782 1771.6			
	Flow Final	1616 1807.3		2036 2035.9			
	Closed in	2483 2477.2		2480 2488.3			
Second Period	Flow Initial	1573 1586.5		2036 2004.2			
	Flow Final	2288 2277.6		2274 2376.3			
	Closed in	2483 2485.9		2480 2490.4			
Third Period	Flow Initial						
	Flow Final						
	Closed in						
Final Hydrostatic		3484 3467.2		3496 3484.0			

Legal Location Sec. - Twp. - Range 31 7S 29E

Lease Name

Well No. 1

Test No. 1

Field Area

Mea. From Tester Valve

WILDCAT

County

CHAVES

State

NEW MEXICO

O'BRIAN

6648 - 6730'

ENSERCH EXPLORATION INCORPORATED