

State 27 Well No 1 Fute

FLUID SAMPLE DATA		Date	9-24-75	Ticket Number	773820
Sampler Pressure	400 ?? P.S.I.G. at Surface	Kind of Job	OPEN HOLE	Halliburton District	ARTESIA
Recovery: Cu. Ft. Gas	.184	Tester	MR. MURDOCK	Witness	MR. GREEN
cc. Oil		Drilling Contractor	PERLOP DRILLING COMPANY		BC
cc. Water		EQUIPMENT & HOLE DATA			
cc. Mud	1700	Formation Tested	Montoya		
Tot. Liquid cc.		Elevation	3954'		Ft.
Gravity	* API @ *F.	Net Productive Interval	16'		Ft.
Gas/Oil Ratio	cu. ft./bbl.	All Depths Measured From	18' Above Ground Level		
	RESISTIVITY	Total Depth	6470'		Ft.
	CHLORIDE CONTENT	Main Hole/Casing Size	7 7/8"		
Recovery Water	@ *F. ppm	Drill Collar Length	118'	I.D.	2.25"
Recovery Mud	@ *F. ppm	Drill Pipe Length	5787'	I.D.	3.826"
Recovery Mud Filtrate	@ *F. ppm	Packer Depth(s)	6432' - 6440'		Ft.
Mud Pit Sample	@ *F. ppm	Depth Tester Valve	6411'		Ft.
Mud Pit Sample Filtrate	@ *F. ppm				
Mud Weight	10.1 vis 39 cp				

TYPE	AMOUNT	Depth Back	Surface	Bottom
Cushion		Ft. Pres. Valve	Choke	Choke
			1" ADJ.	.75"

Recovered	118	Feet of	Mud
Recovered		Feet of	
Recovered		Feet of	
Recovered		Feet of	
Recovered		Feet of	
Remarks	See production test data sheet..		

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MAR 15 1976
O.C.C.
ARTESIA, OFFICE

CHARTS INDICATE PARTIAL PLUGGING OF ANCHOR PERFORATIONS DURING INITIAL FLOW PERIOD.

TEMPERATURE	Gauge No. 512		Gauge No. 113		Gauge No.		TIME	
	Depth:	6416' Ft.	Depth:	6466' Ft.	Depth:	Ft.		
Est. °F.	12 Hour Clock		12 Hour Clock		Hour Clock		Tool	A.M.
	Blanked Off	No	Blanked Off	Yes	Blanked Off		Opened	5:00 P.M.
Actual 124 °F.							Opened	A.M.
							Bypass	8:40 P.M.
	Field	Office	Field	Office	Field	Office	Reported	Computed
							Minutes	Minutes
Initial Hydrostatic	3522	3545	3630	3589				
First Period Flow	Initial	52	47	106	101			
	Final	52	59	79	90			
	Closed in	236	249	265	271		10	
Second Period Flow	Initial	65	58	79	86		30	
	Final	65	66	79	98			
	Closed in	538	532	556	571		60	
Third Period Flow	Initial						120	
	Final							
	Closed in							
Final Hydrostatic	3522	3525	3590	3576				

Legal Location Sec. Two - Rng. 27 - 4 - 27
Lease Name STATE "27"
Well No. 1
Test No. 3
Tested Interval 6440' - 6470'
Field Area WILDCAT
Meq. From Tester Valve
County CHAVES
State NEW MEXICO
MARATHON OIL COMPANY
Lease Owner/Company Name