FLUID SAMPLE DATA

Sampler Pressure 600 P.S.I.G. at Surface
Recovery: Cu. Ft. Gas 3.678
cc. Oil Trace of Condensate
cc. Water
cc. Mud
Tot. Liquid cc. Trace
Gravity ° API @ °F.
Gas/Oil Ratio cu. ft./bbl.

	RESISTIVITY		CHLORIDE CONTENT
Recovery Water	@ °F.		ppm
Recovery			ppm
Recovery			ppm
Mud Pit			ppm
Mud Pit Sample Filtrate	@ °F.		ppm
Mud Weight	vis		cp

ILLEGIBLE

Date 10-5-79 Ticket Number 604350
Kind of Job Open hole DST Halliburton District Hobbs
Tester Ed Ham Witness
Drilling Contractor McVay

EQUIPMENT & HOLE DATA

Formation Tested ATOKA
Elevation 3764 KB Ft.
Net Productive Interval 21' Ft.
All Depths Measured From K.B.
Total Depth 13,211 Ft.
Main Hole/Casing Size 7 7/8"
Drill Collar Length 540' I.D. 2.50"
Drill Pipe Length 12550' I.D. 3.826"
Packer Depth(s) 13,133 - 13,140' Ft.
Depth Tester Valve 13,091 Ft.

Choke	TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke
	—	None Ft.		1" Adj	.75

Recovered 270 Feet of Heavy Gas cut mud & oil
Recovered 270 Feet of Gas Cut Mud + water
Recovered Feet of Ø = 12%
Recovered Feet of
Recovered 540 Feet of Total Fluid

Remarks Open Tool on Bubble Hose; PSI increasing; open 1/4" Choke after 5 minutes; PSI to 100 PSI; Close tool After 10 minute Flow — Open Tool on 1" Choke Flowing thru STACK Pack; changing Chokes @ Stack Pack thru 2nd Flow

Mea. From Tester Valve

TEMPERATURE	Top Gauge No. 108 Depth: 12,119 Ft.		Gauge No. Depth: Ft.		Bottom Gauge No. 106 Depth: 13,207 Ft.		TIME	
	5979 - 24 Hour Clock		Hour Clock		2657 - 48 Hour Clock		Tool Opened 0527	A.M. ~~P.M.~~
°F.	Blanked Off NO		Blanked Off		Blanked Off Yes		Opened Bypass 1137	A.M. P.M.
170°F.	Pressures		Pressures		Pressures		Reported Minutes	Computed Minutes
	Field	Office	Field	Office	Field	Office		
Hydrostatic	7091				7191			
Initial Flow	314				230		—	—
Final Flow	314				280		10	
Closed in	6749				6203		90	
Initial Flow	420				420		—	—
Final Flow	714				722		90	
Closed in	5266				5333		120	
Initial Flow							—	—
Final Flow								
Closed in								
Final Hydrostatic	7091				7191		—	—

Legal Location Sec. - Twp. - Rng. 10-21S-32E
Lease Name Hat Mesa
Well No. 1
Test No. 2
Field Area Hat Mesa
Tested Interval 13140' - 13211' (71')
County Lea
Lease Owner/Company Name Bass & Franks
State New Mexico

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FORMATION TEST DATA