

FLUID SAMPLE DATA

Date 3-24-81 Ticket Number 116080

Sampler Pressure _____ P.S.I. at Surface Kind of D.S.T. OPEN HOLE Halliburton Location HOBBS

Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water 1950 Tester TOM LINDSEY Witness MR. COOPER

cc. Mud _____ Tot Liquid cc. 1950 Drilling Contract or DELTA # 60 sm

Gravity _____ ° API @ _____ ° F. EQUIPMENT & HOLE DATA

Gas/Oil Ratio _____ cu. ft./bbl. Formation Tested Bone Springs

RESISTIVITY CHLORIDE CONTENT

Elevation 3609' ground level Ft.

Net Productive Interval 35' Ft.

All Depths Measured From Rotary Kelly Bushing 22' Ft.

Total Depth 8835' Ft.

Recovery Water @ _____ ° F. _____ ppm Main Hole/Casing Size 8 3/4"

Recovery Mud @ _____ ° F. _____ ppm Drill Collar Length 707' I.D. 2.25"

Recovery Mud Filtrate @ _____ ° F. _____ ppm Mud Pit Sample @ _____ ° F. _____ ppm Drill Pipe Length 8038' I.D. 3.826"

Mud Pit Sample Filtrate @ _____ ° F. _____ ppm Packer Depth(s) 8782-8789' Ft.

Mud Weight 9.1 vis 29 sec. Depth Tester Valve 8747' Ft.

Well Location: S 17 T 20S R36E

Lease Name: AMERADA FEDERAL

Well No.: 3

Test No.: 1

Tested Interval: 8789 - 8835'

County: LEA

State: NEW MEXICO

Lease Owner/Company Name: JAKE L. HAMON

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

Recovered	180	Feet of	Water
Recovered		Feet of	
Recovered		Feet of	
Recovered		Feet of	
Recovered		Feet of	

Remarks: SEE PRODUCTION TEST DATA SHEET

TEMPERATURE	Gauge No. 108	Gauge No. 106	Gauge No.	TIME	
	Depth: 8771 Ft.	Depth: 8830 Ft.	Depth: Ft.	(00:00-24:00 hrs.)	
Est. °F.	Blanked Off no	Blanked Off YES	Blanked Off	Tool Opened 0037	
Actual 115 °F.	Pressures		Pressures	Tool Opened Bypass 0458	
	Field	Office	Field	Office	
Initial Hydrostatic	4143	4114.6	4102	4160.6	
First Period	Flow Initial	57	48.7	56	89.1
	Flow Final	57	48.7	87	86.3
	Closed in	115	85.9	112	116.9
Second Period	Flow Initial	86	63.0	81	105.8
	Flow Final	115	77.3	112	108.6
	Closed in	287	257.8	279	286.9
Third Period	Flow Initial	Before bypass	65.9	Before bypass	100.2
	Flow Final	After bypass	71.6	After bypass	105.8
	Closed in				
Final Hydrostatic	4143	4108.8	4158	4160.6	