Copy to SF

FLUID SAMPLE DATA

Sampler Pressure 3150 P.S.I.G. at Surface
Recovery: Cu. Ft. Gas 14.05
cc. Oil
cc. Water
cc. Mud
Tot. Liquid cc.
Gravity ° API @ °F.
Gas/Oil Ratio cu. ft./bbl.

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	@ °F.	ppm
Recovery Mud	@ °F.	
Recovery Mud Filtrate	@ °F.	ppm
Mud Pit Sample	@ °F.	
Mud Pit Sample Filtrate	@ °F.	ppm
Mud Weight	9.3 vis 30 cp	

Date 3-6-73 Ticket Number 387605
Kind of Job OPEN HOLE. Halliburton District ARTESIA
Tester R. MURDOCK Witness MIKE GRACE
Drilling Contractor BIG WEST DRILLING COMPANY SM S

EQUIPMENT & HOLE DATA

Formation Tested Morrow
Elevation 3193' KB Ft.
Net Productive Interval 26' Ft.
All Depths Measured From 19'
Total Depth 11479' Ft.
Main Hole/Casing Size 8 3/4"
Drill Collar Length 447' I.D. 2.25"
Drill Pipe Length 10911' I.D. ?
Packer Depth(s) 11394-11400' Ft.
Depth Tester Valve 11358' Ft.

Cushion TYPE AMOUNT Ft. Depth Back Pres. Valve Surface Choke 1" Bottom Choke 3/4"

Recovered Feet of
Recovered Feet of
Recovered Feet of
Recovered Feet of
Recovered Feet of

Mea. From Tester Valve

Remarks SEE PRODUCTION TEST DATA SHEET

TEMPERATURE	Gauge No. 322 Depth: 11376 Ft.		Gauge No. 74 Depth: 11474 Ft.		Gauge No. Depth: Ft.		TIME	
Est. °F.	24 Hour Clock Blanked Off no		24 Hour Clock Blanked Off yes		Hour Clock Blanked Off		Tool Opened 10:15 A.M.	
Actual 188 °F.	Pressures		Pressures		Pressures		Tool Closed 3:00 P.M.	
	Field	Office	Field	Office	Field	Office	Reported Minutes	Computed Minutes
Initial Hydrostatic	5472	5540	5610	5593				
First Period Flow Initial	-	2609	2268	2623			—	—
First Period Flow Final	3230	3252	3267	3304			30	29
First Period Closed in	3400	3424	3419	3450			75	76
Second Period Flow Initial	2849	2881	2984	3035			—	—
Second Period Flow Final	3209	3242	3267	3307			60	59
Second Period Closed in	3400	3422	3419	3448			120	121
Third Period Flow Initial							—	—
Third Period Flow Final								
Third Period Closed in								
Final Hydrostatic	5472	5536	5545	5593			—	—

Legal Location Sec. - Twp. - Rng. 24 22 S 26E
Lease Name GRACE - ATLANTIC
Well No. 1
Test No. 2
Tested Interval 11400 - 11479'
Field Area WILDCAT CARLSBAD
County EDDY
State NEW MEXICO
Lease Owner/Company Name MICHEAL P. GRACE II

FORMATION TEST DATA

LITTLE'S 90217 10M 2/72

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