HUGHES DRILLING FLUIDS
A DIVISION OF HUGHES TOOL COMPANY
P.O. Box 22753, Houston, Texas 77027
Phone (713) 666-0106

DRILLING MUD REPORT

REPORT NO.

Date 2-9 19 83 Depth 1104

API WELL NO.	State	County	WELL	S/T

OPERATOR	CONTRACTOR	RIG NO.
Jennings Pet	Edco	1
ADDRESS	**ADDRESS**	**SPUD DATE**
Lawrence KS	El Dorado KS	
REPORT FOR MR.	**REPORT FOR MR.**	**Section, Township, Range**
Marty Dubois	Jeff Neal	20-9-22E

WELL NAME AND NO.	FIELD OR BLOCK NO.	COUNTY, PARISH, OR OFFSHORE AREA	STATE OR PROVINCE
Hannon #1	Wheeler	Leavenworth	KS

OPERATION	CASING	MUD VOLUME (BBL)	CIRCULATION DATA
PRESENT ACTIVITY: D.S.T	SURFACE: 7" IN. at 170 FT.	HOLE 54 PITS 200±	PUMP SIZE X IN.: 5½ X 12
BIT SIZE (IN.): 6¼ NO.: 2	INTERMEDIATE: IN. at FT.	Total Circulating Volume: 254	PUMP MAKE / MODEL: G.D.
Drill Pipe Size: 3½ TYPE: IF	Production or Liner: IN. at FT.	IN STORAGE	BBL /Stroke: .099 Stroke/Min.: 74
Drill Collar Size: 4¾ LENGTH	MUD TYPE: L.S.N.D.		BBL./MIN.: 7.3
			ANNULAR VEL.(FT./MIN.) Opposite DP / Opposite Collar
			Circulating Pressure PSI: 500
			Bottoms Up (Min.): 8
			System Total(Min.): 34

Sample from ☐ Flowline ☐ Pit
Flowline Temperature °F

MUD PROPERTIES			
Time Sample Taken	1:45		
Depth (ft.)	1104		
Weight ☑ (ppg) ☐ (lb./cu.ft.)	8.9		
Mud Gradient (psi/ft.)	.462		
Funnel Viscosity (sec./qt.) API at °F	37		
Plastic Viscosity cp at °F	10		
Yield Point (lb./100 Sq. ft.)	8		
Gel Strength (lb./100 sq.ft.) 10 sec./10 min.	2/4	/	/
pH ☑ Strip ☐ Meter	11.5		
Filtrate API (ml./30 min.)	8.0		
API HP-HT Filtrate (ml./30 min.) °F			
Cake Thickness 32nd in. API ☐ HP-HT ☐	2/32		
Alkalinity, Mud (P_m)			
Alkalinity, Filtrate (P_f/M_f)	.9/1.8	/	/
Salt ☐ ppm ☐ ppg Chloride ☐ ppm ☐ ppg	450		
Calcium ☑ ppm ☐ Gyp (ppb)	40		
Sand Content (% by Vol.)	¼		
Solids Content (% by Vol.)	3.5		
Oil Content (% by Vol.)	0		
Water Content (% by Vol.)	96.5		
Methylene Blue Capacity (me./ml. mud)			
E.S. (Volts)			

EQUIPMENT	SIZE	HRS./TOUR		SIZE	HRS./TOUR
Centrifuge			Desilter		
Degasser			Shaker		
Desander			Other		

DAILY COST 360 00 CUMULATIVE COST 360 00

MUD PROPERTIES SPECIFICATIONS

Weight 9.0-9.2 Viscosity 40-45 Filtrate 4-10

By Authority: ☐ Operator's Written ☐ Drilling Contractor ☐ Operator's Representative ☐ Other

Recommended Treatment

Gel = As Needed for 40-45
Lig Thinz - 1 Sack Tour Over 1 Hr.

WATER Run ½ Stream While Drl

REMARKS: — Give operation, depth and nature of any problems encountered since last report:

Gel - 30 - 233.10
Lig - 3 45.00
Pw - 2 63.98
CA-1 18.00

For hogs - Vis 40-45

2 After Setting Shale Pit
Mix 1 Sack Caustic Over 1 Hr.

Representative	Jesse Self	Home Address	Holiday Inn So. Topeka	Telephone	272-8880
Mobile Unit	6	Warehouse Location	Room 474	Telephone	

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