

100507

DRILL STEM TEST REPORT FORM

WELL NAME BARROW #20 DIST. NO. 1 DATE 4/20-21, 1980

Formation Tested SAG RIVER Hole Size 5 5/8"
 Test Interval 2127-2314' Drill Collar Length 322' I.D. 2 1/4"
 Total Depth 2314' Drill Pipe Length 1750' I.D. 2.76"
 Choke Sizes: 1/8" - open 1/2"
 Surface 1/8" - open 1/2"
 Recovery Depth 2117 Ft.
 Depth Factor 2095' Ft.
 Cushion Type none Amount _____

TEST DATA

RESISTIVITY AND CHLORIDE DATA

Tool open at 1210 hrs. 4-20-80 hrs. Resistivity Chloride Content
 Initial flow period 120 min. Recovery Water @ _____ OF. _____ ppm
 Initial shut-in period 240 min. Recovery Mud @ _____ OF. _____ ppm
 Final flow period 480 min. Recovery Mud Filtrate @ _____ OF. 41000 ppm
 Final shut-in period 900 min. Mud Pit Sample @ _____ OF. _____ ppm
 Unseated packer at 1710 hrs. 4-21-80 hrs. Mud Pit Sample Filtrate @ _____ OF. 41000 ppm
 Mud Weight 9.9 lbs/cc 38 cp

Description of initial flow period Opened with strong blow decreasing to weak blow in 20 min, GTS TSTM in 1 hr.

Description of final flow period Opened w/strong blow decreased to mod blow after 20 min, well started surging, increased to mod blow in 2 hrs 10 min, increased to strong blow in 5 hrs w/SFP 15 psi; removed choke for 1 hr 40 min; reinstalled 1/8" choke w/9 lbs SFP increasing to 19 lbs at wellhead, measured final stabilized rate at flow line was 12 MCFPD w/17 psi FF

PRESSURE DATA

TEMPERATURE	Gauge No.	7702	Gauge No.	685	Gauge No.	352	Gauge No.	134	
	Depth	2098	Depth	2102	ft. Depth	2135	ft. Depth	2139	
Est.	OF.	Blanked Off	No	Blanked Off	No	Blanked Off	Yes	Blanked Off	Yes
Actual	OC.	Pressures		Pressures		Pressures		Pressures	
		Field	Office	Field	Office	Field	Office	Field	Office
Initial Hydrostatic		1149						1163	
First Period	FLOW	Initial	68					88	
		Final	170					181	
		Closed In	902		CLOCK FAILED		NOT REPORTED	909	
Second Period	FLOW	Initial	199					206	
		Final	276					289	
		Closed In	960					958	
Third Period	FLOW	Initial	/					/	
		Final	/					/	
	Closed In	/					/		
Final Hydrostatic		1149						1163	

RECOVERY DATA

Cushion	Type	Amount	Depth Back Pres. Valve	Surface Choke	Bottom Choke
Recovered	2.6	Feet bbl of	sl gas cut mud, w/tr of oil at top of tool		
Recovered		Feet bbl of			
Recovered		Feet bbl of			
Recovered		Feet bbl of			

Remarks Chromatograph analysis indicates produced gas essentially 100% C₁ (methane)

RICH NELSON