

FLUID SAMPLER DATA				Date 10-20-71		Ticket Number 455820	
Sampler Pressure _____ P.S.I.G. at Surface Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water _____ cc. Mud _____ Tot. Liquid cc. _____ Gravity _____ ° API @ _____ ° F. Gas/Oil Ratio _____ cu. ft./bbl.				Kind of Job STRADDLE OPEN HOLE Halliburton District FARMINGTON		Tester R. PULTE Witness WALT WILLIAMS	
Drilling Contractor STEWART BROTHERS SM S				EQUIPMENT & HOLE DATA			
				Formation Tested Dakota Elevation 6666' _____ Ft. Net Productive Interval 2206-2225' _____ Ft. All Depths Measured From Kelly bushing Total Depth 2433' _____ Ft. Main Hole/Casing Size 6 1/4" Drill Collar Length 206' I.D. 2 1/4" Drill Pipe Length 2159' I.D. 2.151" Packer Depth(s) 2206-2225' _____ Ft. Depth Tester Valve 2188' _____ Ft.			
				TYPE AMOUNT Depth Back Surface Bottom Cushion Ft. Pres. Valve Choke Choke 1/4" 3/4"			
Recovered 1898 Feet of water				Meas. From Tester Valve			
Recovered Feet of							
Recovered Feet of							
Recovered Feet of							
Recovered Feet of							
Remarks Tool opened for 20 minute first flow with a good blow - to strong blow. Closed tool for 30 minute first closed in pressure. Tool reopened for 36 minute second flow with a good blow which died in 30 minutes. Closed tool for 19 minute second closed in pressure. (830' mud in hole - 1370' fresh water flow - before, during and after test.)							
TEMPERATURE		Gauge No. 786	Gauge No. 54	Gauge No.		TIME	
Depth: 2192 Ft.		Depth: 2211 Ft.	Depth: _____ Ft.				
12 Hour Clock		24 Hour Clock		Hour Clock		Tool 10-19 A.M.	
Est. 80 °F.		Blanked Off no		Blanked Off yes		Opened 1140 P.M.	
Actual °F.		Pressures		Pressures		Tool 10-20 A.M.	
		Field Office		Field Office		Closed 0125 P.M.	
		Field Office		Field Office		Reported Computed	
Initial Hydrostatic		-		958		Minutes Minutes	
First Period	Flow Initial	-		287		-	
	Flow Final	-		650		20 20	
	Closed in	-		816		30 30	
Second Period	Flow Initial	-		658		-	
	Flow Final	-		807		35 36	
	Closed in	-		816		20 19	
Third Period	Flow Initial	-		-		-	
	Flow Final	-		-		-	
	Closed in	-		-		-	
Final Hydrostatic		-		954		-	
		-		969		-	

Legal Location S-29 15 N - 7W
 Sec. - Twp. - Rng. _____
 Lease Name _____
 Well No. 6
 Test No. 1
 Tested Interval 2206-2225'
 Field Area SAN METEO WILDCAT
 County MC KINLEY
 State NEW MEXICO

FERNANDEZ
 SHAR ALLEN
 Lease Owner/Company Name

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Gauge No. 786		Depth		2192'		Clock No. 788		12 hour		Ticket No. 455820	
First Flow Period		Closed In Pressure		Second Flow Period		Closed In Pressure		Third Flow Period		Closed In Pressure	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$
0 .000	287	.000		.000	658	.000					
1 .0252	364	.0198		.0385	720	.0136					
2 .0504	451	.0396		.0770	759	.0272					
3 .0756	536	.0594		.1155	783	.0408					
4 .1008	598	.0792		.1540	796	.0544					
5 .1260	650	.0990		.1925	802	.0680					
6		.1188		.2310	807	.0816					
7		.1386				.0952					
8		.1584				.1088					
9		.1782				.1224					
10		.1980				.1290*					
11											
12											
13											
14											
15											

Gauge No. 54		Depth		2211'		Clock No. 1768		24 hour	
First Flow Period		Closed In Pressure		Second Flow Period		Closed In Pressure		Third Flow Period	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.
0 .000	235	.000		.000	681	.000			
1 .0134	391	.0105		.0207	732	.007			
2 .0268	475	.0210		.0414	771	.014			
3 .0402	560	.0315		.0621	796	.021			
4 .0536	624	.0420		.0828	811	.028			
5 .0670	662	.0525		.1035	820	.035			
6		.0630		.1240	824	.042			
7		.0735				.049			
8		.0840				.056			
9		.0945				.063			
10		.1050				.066*			
11									
12									
13									
14									
15									
Reading Interval 4		3		6		2		Minutes	

REMARKS: *Last interval is equal to 1 minute

	O. D.	I. D.	LENGTH	DEPTH
Reversing Sub				
Water Cushion Valve				
Drill Pipe	2 7/8"	2.151"	2159'	
Drill Collars	4 1/2"	2 1/4"	206'	
Handling Sub & Choke Assembly	3 7/8"	1 1/2"	6'	
Dual CIP Valve				
Dual CIP Sampler	5"	1 1/2"	6'	2188'
Hydro-Spring Tester				
Multiple CIP Sampler				
Extension Joint				
AP Running Case	3 3/4"	2"	5'	2192'
Hydraulic Jar	3 5/8"	1"	8'	
VR Safety Joint	3 7/8"	1 1/2"	3'	
Pressure Equalizing Crossover				
Packer Assembly	5 1/4"	1 1/2"		2206'
Distributor				
Packer Assembly				
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case	3 3/4"	2"	5'	2211'
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Packer Assembly	5 1/2"	1 1/2"		2225'
Drill pipe	2 7/8"	2.15"	15'	
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars	4 1/2"	2 3/8"	176'	
Flush Joint Anchor	3 1/2"	1 1/2"	12'	
Blanked-Off B.T. Running Case	3 1/2"	2"	7'	2433' TD

No BT Gauge