

FLUID SAMPLE DATA				Date	Ticket Number
Sampler Pressure _____ P.S.I.G. at Surface				3-15-79	485113-B
Recovery: Cu. Ft. Gas _____				Kind of Job	Halliburton District
cc. Oil _____				HOOKWALL TEST	RIO VISTA
cc. Water _____				Tester	Witness
cc. Mud _____				JAMES E. DEAN	CHUCK STIMMEL
Tot. Liquid cc. _____				Drilling Contractor	BRINKERHOFF SIGNAL DRILLING TJB S
Gravity _____ ° API @ _____ °F.				EQUIPMENT & HOLE DATA	
Gas/Oil Ratio _____ cu. ft./bbl.				Formation Tested	Wildcat
RESISTIVITY		CHLORIDE CONTENT		Elevation	488' GL - 511' KB Ft.
Recovery Water @ _____ °F. ppm				Net Productive Interval	3040' - 3050' Ft.
Recovery Mud @ _____ °F. ppm				All Depths Measured From	Kelly Bushing
Recovery Mud Filtrate @ _____ °F. ppm				Total Depth	3594' Ft.
Mud Pit Sample @ _____ °F. ppm				Main Hole/Casing Size	9 5/8" - 47#/ft.
Mud Pit Sample Filtrate @ _____ °F. ppm				Drill Collar Length	283.41' D. 2 5/16"
Mud Weight 20.2 #/per. gal. vis 152 cp				Drill Pipe Length	2676.93' D.I.B. 3.826"
				Packer Depth(s)	2995' Ft.
				Depth Tester Valve	2969' Ft.
TYPE		AMOUNT		Depth Back Pres. Valve	Surface Choke
Cushion					1/4" Bubble Bottom Choke .375"
Recovered	950	Feet of	slightly gas and saltwater cut mud. . .		
Recovered		Feet of			
Recovered		Feet of	*ONLY 32 MINUTES OF CLOSED IN PRESSURE SEGMENTED -		
Recovered		Feet of	APPARENT LEAKAGE REMAINDER OF CLOSED IN PRESSURE. . .		
Recovered		Feet of	CS - Clock Stopped . . .		
Remarks After closing modified hydrospring for closed in it would not open for second flow. Came out of hole and tool had plugged solid with formation sand. . .					
Charts indicate partial plugging during the initial flow period. . .					
SEE PRODUCTION TEST DATA SHEET . . . UTR - Unable To Read . . .					
TEMPERATURE		Gauge No. 414	Gauge No. 364	Gauge No.	TIME
		Depth: 2983 Ft.	Depth: 3005 Ft.	Depth: Ft.	
Est. 95 °F.		24 Hour Clock	24 Hour Clock	Hour Clock	Tool A.M.
		Blanked Off NO	Blanked Off YES	Blanked Off	Opened 0703 P.M.
Actual °F.		Pressures		Pressures	
		Field	Office	Field	Office
Initial Hydrostatic		3107	UTR	3086	3079.7
First Period	Flow Initial	387	399.9	433	446.6
	Flow Final	629	646.3-CS	731	778.8
	Closed in	2929		2954	2948.8*
Second Period	Flow Initial				
	Flow Final				
	Closed in				
Third Period	Flow Initial				
	Flow Final				
	Closed in				
Final Hydrostatic		3042	3038.8	3037	3048.1

MAILED
 MAR 26 1979
 Halliburton Company
 Tulsa, Oklahoma

Legal Location: SEC. 36 - TWP 24S - RNG. 5W
 Lease Name: SUTHERLIN UNIT
 Well No.: 1
 Test No.: 1-B
 Tested Interval: 2995' - 3594'
 County: DOUGLAS
 State: OREGON
 Lease Owner/Company Name: MOBIL OIL CORPORATION

Casing perms. 3040 - 3050 Bottom choke .375" Surf. temp _____ °F Ticket No. 485113-B
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F
 INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED 1/4" Bubble Hose.

Date	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
3-14-79						
1040						Loaded recorders and made up tools and started in hole.
3-15-79						
0658						Set packer.
0703						Hydrospring tester opened with a weak blow increasing to a medium blow.
0704		Closed	2			Blow line closed.
0710		"	7			"
0713		"	8			"
0718		"	17			Closed tester.
0748						Tried to open tester several times and it would not open.
0922						Pulled packer loose and started out of hole.
1140						Out of hole.

Gauge No. 414		Depth 2983				Clock No. 10293				24 hour		Ticket No. 485113-B	
First Flow Period		Closed In Pressure		Second Flow Period		Closed In Pressure		Third Flow Period		Closed In Pressure		Third Flow Period	
Time Defl. .000"	PSIG Temp. Corr.	Log $t \pm \theta$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Log $t \pm \theta$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Log $t \pm \theta$	PSIG Temp. Corr.
0	.0000	399.9											
1	(.0290	646.3)	OS										
2	CLOCK STOPPED												
3	AFTER APPROXIMATELY												
4	9 MINUTES. . .												
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													

Gauge No. 364		Depth 3005				Clock No. 6013				24 hour		Minutes	
Time Defl. .000"	PSIG Temp. Corr.	Log $t \pm \theta$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Log $t \pm \theta$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Log $t \pm \theta$	PSIG Temp. Corr.
0	.0000	446.6			778.8								
1	.0500	778.8		.0167*	2892.7								
2	PLUGGING . . .												
3				.0267	2920.8								
4				.0358	2930.7								
5				.0468	2937.3								
6				.0568	2940.6								
7				.0669	2943.9								
8				.0769	2945.5								
9				.0869	2947.2								
10				.0969	2948.8								
11				.1070	2948.8								
12													
13													
14													
15													
Reading Interval												3	
REMARKS: * - first interval is equal to 5 minutes.													

SPECIAL PRESSURE DATA



	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	5"	3.75"	1'	
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4.5"	3.826"	2676.93'	
Drill Collars	6.5"	2 5/16"	283.41'	
Handling Sub & Choke Assembly	5"	.375"	5'	
Dual CIP Valve				
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	8'	2969'
CROSS OVER	5 11/16"	3.75"	.67'	
Multiple CIP Sampler				
Extension Joint (2)	5"	.87"	5'	
AP Running Case	5"	3.75"	4'	2983'
Hydraulic Jar	5"	1.75"	5'	
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	8.25"	3.75"	6'	2995'
Distributor				
Packer Assembly				
Flush Joint Anchor	2.78"	2.15"	4'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case	3.75"	3.50"	4'	3005'
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor				
Blanked-Off B.T. Running Case				
Total Depth				3008'