

HOBBS OFFICE O.C.C.

Flow Time				Date		Ticket Number	
1st	Min.	2nd	Min.	Nov 28 5-8 15 AM '66		462492 S	
Closed In Pres. Time				Kind of Job		Hobbs District	
1st	Min.	2nd	Min.	OPEN HOLE		HOBBS	
Pressure Readings				Tester		Witness	
Field				P.N. CARNINATI		P.J. MC KENNA	
Depth Top Gauge				Drilling Contractor		LC	
4266 Ft.				VERNA DRILLING COMPANY			
BT. P.R.D. No.				Elevation		Top Packer	
35				4440'		4293'	
Initial Hydro Mud Pressure				Total Depth		Bottom Packer	
2441				4364'		4298'	
Initial Closed In Pres.				Interval Tested		Formation Tested	
1356				4298' - 4364'		San Andres	
Initial Flow Pres.				Casing or Hole Size		Casing } Top	
75 1 59				7 7/8"		Perfs. } Bot.	
171 1 205				Surface Choke		Bottom Choke	
807 2 812				1"		3/4"	
Final Closed In Pres.				Size & Kind Drill Pipe		Drill Collars Above Tester	
1324				4" FH		2 1/2" - 660'	
Final Hydro Mud Pressure				Mud Weight		Mud Viscosity	
2431				10.3		38	
Depth Con. Gauge				Temperature		Anchor Size & Length	
Pt.				95 °F Bot.		ID 2 1/2" X 30'	
BT. P.R.D. No.				104 °F Actual		OD 5 3/4"	
Initial Hydro Mud Pres.				Depth Mon. From Rotary Table		Depth of Tester Valve	
				TYPE AMOUNT		4271 Ft.	
Initial Closed In Pres.				Cushion		Depth Back Pres. Valve	
				none		Ft.	
Initial Flow Pres.				Recovered		Foot of heavy oil & gas cut mud.	
1				620			
Final Flow Pres.				Recovered		Foot of slightly oil & gas cut salt water.	
2				930			
Final Closed In Pres.				Recovered		Foot of	
1							
2							
Final Hydro Mud Pres.				Oil A.P.I. Gravity ?		Water Spec. Gravity ?	
Depth Bot. Gauge				Gas Gravity ?		Surface Pressure	
4360 Ft.				yes		0 psi	
BT. P.R.D. No.				Tool Opened		Tool Closed	
1636				2:46 P.M.		6:26 P.M.	
Initial Hydro Mud Pres.				Remarks		Opened tool for a 10 minute initial flow.	
2506				2499			
Initial Closed In Pres.				Took a 30 minute initial closed in pressure. Re-			
1398				1400			
Initial Flow Pres.				opened tool for a 120 minute final flow with a weak			
104 1 123				264 2 269			
Final Flow Pres.				blow, decreasing to a very weak blow in 1 1/2 hours			
219 1 251				848 2 856			
Final Closed In Pres.				of test. No gas or fluid to the surface. Closed			
1364				1378			
Final Hydro Mud Pres.				tool for a 60 minute final closed in pressure.			
2494				2486			

FORMATION TEST DATA

UNION STATE

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READING AND BATES OFFSHORE DRILLING COMPANY ODESSA

ODessa

Gauge No. 35		Depth 4266'		Clock 12 noon		Ticket No. 462492				
First Flow Period		Initial Closed In Pressure			Final Closed In Pressure		Final Closed In Pressure			
	Time Diff. .000"	PSIG Temp. Corr.	Time Diff. .000"	Log $\frac{r+\theta}{\theta}$	PSIG Temp. Corr.	Time Diff. .000"	PSIG Temp. Corr.	Time Diff. .000"	Log $\frac{r+\theta}{\theta}$	PSIG Temp. Corr.
P ₀	.000	59	.000		205	.000	225	.000		812
P ₁	.015	89	.0214		1216	.137	395	.0413		1284
P ₂	.030	123	.0428		1297	.274	507	.0826		1303
P ₃	.045	153	.0642		1311	.411	601	.1239		1311
P ₄	.060	179	.0856		1333	.548	682	.1652		1318
P ₅	.075	205	.1070		1341	.685	752	.2065		1323
P ₆			.1284		1345	.822	812	.2478		1326
P ₇			.1498		1348			.2891		1329
P ₈			.1712		1351			.3304		1332
P ₉			.1926		1353			.3717		1334
P ₁₀			.2140		1354			.4130		1337

Gauge No. 1636		Depth 4360'		Clock 12 hour	
P ₀	.000	123	.000		251
P ₁	.0144	126	.0213		1235
P ₂	.0288	161	.0426		1337
P ₃	.0432	193	.0639		1364
P ₄	.0576	221	.0852		1377
P ₅	.0720	251	.1065		1385
P ₆			.1278		1390
P ₇			.1491		1393
P ₈			.1704		1396
P ₉			.1917		1398
P ₁₀			.2130		1400

Reading Interval	2	3	20	6	Minutes
REMARKS:					

SPECIAL PRESSURE DATA