

H22756-684

H 22756-528

Flow Time	1st Min.	2nd Min.	Date	Ticket Number
30	30	10-6-65	422756 S	
Closed In Pres. Time	1st Min.	2nd Min.	Kind of Job	Halliburton District
30	31	OPEN HOLE	MCPHERSON	
Pressure Readings	Field	Office Corrected	Tester	Witness
			M. W. BRACK	TERRY RIGSBY
Depth Top Gauge	2133 Ft.	Blanked Off	Drilling Contractor	SS
		no	WHITE & ELLIS DRILLING	
BT. P.R.D. No.	528	12 Hour Clock	Elevation	Top Packer
			1367' K.B. EST.	
Initial Hydro Mud Pressure	1085	1082	Total Depth	Bottom Packer
			2157'	2146'
Initial Closed in Pres.	371	370	Interval Tested	Formation Tested
			net pay 2' 2157' - 2146'	CATTLEMAN SAND
Initial Flow Pres.	4	1	Casing or Hole Size	Casing Perfs.
	17	2	7 7/8"	Top Bot.
Final Flow Pres.	17	1	Surface Choke	Bottom Choke
	21	2	1/4"	3/4"
Final Closed in Pres.	164	162	Size & Kind Drill Pipe	Drill Collars Above Tester
			3 1/2" I.F.	I.D. - LENGTH 2 1/2" X 115'
Final Hydro Mud Pressure	1085	1082	Mud Weight	Mud Viscosity
			9.8	42
Depth Cen. Gauge		Blanked Off	Temperature	Anchor Size & Length
			104 °F Actual	ID 4" OD 5" X 11'
BT. P.R.D. No.		Hour Clock	Depths Mea. From	Depth of Tester Valve
			KELLY BUSHING	2132' Ft.
Initial Hydro Mud Pres.			Cushion	Depth Back Pres. Valve
				Ft.
Initial Closed in Pres.			Recovered	Med. From Tester Valve
			35 Feet of drilling mud	
Initial Flow Pres.		1	Recovered	
		2	6 inches Feet of free oil	
Final Flow Pres.		1	Recovered	
		2	Feet of	
Final Closed in Pres.			Recovered	
			Feet of	
Final Hydro Mud Pres.			Oil A.P.I. Gravity	Water Spec. Gravity
			39 @ 75°	
Depth Bot. Gauge	2153 Ft.	Blanked Off	Gas Gravity	Surface Pressure
		yes		psi
BT. P.R.D. No.	684	12 Hour Clock	Tool Opened	Tool Closed
			5:30 a.m. 6:29	6:00 a.m. 7:31
Initial Hydro Mud Pres.	1103	1083	Remarks	
			Tool opened for 30 minute first flow with	
Initial Closed in Pres.	376	380		
			very weak blow. Closed for 30 minute initial closed	
Initial Flow Pres.	17	1		
	35	2	in pressure. Reopened for 30 minute second flow with	
Final Flow Pres.	35	1		
	39	2	very weak blow. Closed for 31 minute final closed in	
Final Closed in Pres.	175	175	pressure.	
Final Hydro Mud Pres.	1103	1083		

FORMATION TEST DATA

Legal Location
Sec. - Twp. - Rng. NE-NE-SE-33-22S-10E

UNDERWOOD

Lease Name

1

1

CITIES SERVICE OIL COMPANY

AUGUSTA

Owner's District

Field Area

Med. From Tester Valve

County GREENWOOD

State KANSAS

Lease Owner/Company Name

Well No.

Test No.

Gauge No. 528		Depth 2133'			Clock 12 hour		Ticket No. 422756			
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure			
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.	
P ₀	.000	3	.000		13	.000	18	.000		20
P ₁	.184	13	.020		15	.193	20	.207		162
P ₂			.040		22					
P ₃			.060		35					
P ₄			.080		55					
P ₅			.100		85					
P ₆			.120		138					
P ₇			.140		206					
P ₈			.160		272					
P ₉			.180		325					
P ₁₀			.200		370					

Gauge No. 684		Depth 2153'			Clock 12 hour					
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.	
P ₀	.000	19	.000		29	.000	38	.000		38
P ₁	.202	29	.020		35	.208	38	.216		175
P ₂			.040		45					
P ₃			.060		58					
P ₄			.080		77					
P ₅			.100		111					
P ₆			.120		163					
P ₇			.140		230					
P ₈			.160		289					
P ₉			.180		343					
P ₁₀			.200		380					

Reading Interval 3 Minutes

REMARKS:

SPECIAL PRESSURE DATA

Flow Time	1st 30 Min.	2nd 30 Min.	Date	10-7-65	Ticket Number	422757 - S
Closed in Press. Time	1st 30 Min.	2nd 30 Min.	Kind of Job	OPEN HOLE	Halliburton District	MC PHERSON
Pressure Readings	Field	Office Corrected	Tester	BRACK	Witness	HUTCHINSON
Depth Top Gauge	2210' Ft.	NO Blanked Off	Drilling Contractor	WHITE AND ELLIS DRILLING COMPANY		
BT. P.R.D. No.	528	12 Hour Clock	Elevation	1367' K.B. EST.	Top Packer	-
Initial Hydro Mud Pressure	1120	1110	Total Depth	2230'	Bottom Packer	2208'
Initial Closed in Pres.	767	763	Interval Tested	(NET PAY 14') 2208' - 2230'	Formation Tested	BARTESVILLE
Initial Flow Pres.	8 35	1 9 2 34	Casing or Hole Size	7 7/8"	Casing Perfs. } Top - Bot. -	
Final Flow Pres.	35 52	1 25 2 43	Surface Choke	1/4"	Bottom Choke	3/4"
Final Closed in Pres.	681	669	Size & Kind Drill Pipe	3 1/2" I.F.	Drill Collars Above Tester	I.D. - LENGTH 2 1/2" x 115'
Final Hydro Mud Pressure	1120	1110	Mud Weight	9.9	Mud Viscosity	39
Depth Cen. Gauge		Blanked Off	Temperature	111 °F Actual	Anchor Size & Length	4" ID 5" OD X 22'
BT. P.R.D. No.		Hour Clock	Depths Mea. From	KELLY BUSHING	Depth of Tester Valve	2198' Ft.
Initial Hydro Mud Pres.			TYPE AMOUNT	Cushion NONE	Depth Back Pres. Valve	NONE Ft.
Initial Closed in Pres.			Recovered	75' Feet of	drilling mud	
Initial Flow Pres.		1	Recovered		Feet of	
Final Flow Pres.		1	Recovered		Feet of	
Final Closed in Pres.			Recovered		Feet of	
Final Hydro Mud Pres.			Oil A.P.I. Gravity		Water Spec. Gravity	
Depth Bot. Gauge	2226' Ft.	YES Blanked Off	Gas Gravity		Surface Pressure	psi
BT. P.R.D. No.	684	12 Hour Clock	Tool Opened	2:40 AM 3:40	A.M. P.M.	Tool Closed 3:10 AM 4:10 P.M.
Initial Hydro Mud Pres.	1121	1124	Remarks	Tool opened @ 2:40 for a 30 minute first		
Initial Closed in Pres.	779	775		flow with a very weak blow for 30 minutes. Tool		
Initial Flow Pres.	26 43	1 24 2 48		closed @ 3:10 for a 30 minute initial closed in		
Final Flow Pres.	43 61	1 41 2 60		pressure. Tool reopened @ 3:40 with a very weak		
Final Closed in Pres.	674	683		blow for 30 minutes. Tool closed @ 4:10 for a 30		
Final Hydro Mud Pres.	1121	1124		minute final closed in pressure. Tool off bottom @ 4:40.		

Legal Location: NE - NE - SE - 33 - 22S - 10E
 Lease Name: UNDEVELOPED
 Well No.: 1
 Test No.: 6
 Field Area: GREENWOOD
 County: GREENWOOD
 Lease Owner/Company Name: GREENWOOD
 State: KANSAS
 Owner's District:

FORMATION TEST DATA

Gauge No. 528		Depth 2210'			Clock 12 hour		Ticket No. 422757			
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure			
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	
P ₀	.000	9	.000		25	.000	34	.000		43
P ₁	.0386	12	.019		173	.040	31	.019		62
P ₂	.0772	17	.038		486	.080	35	.038		90
P ₃	.1158	20	.057		601	.120	38	.057		140
P ₄	.1544	23	.076		658	.160	41	.076		229
P ₅	.193	25	.095		691	.200	43	.095		358
P ₆			.114		713			.114		491
P ₇			.133		730			.133		570
P ₈			.152		743			.152		618
P ₉			.171		755			.171		648
P ₁₀			.190		763			.190		669
Gauge No. 684		Depth 2226'			Clock 12 hour					
P ₀	.000	24	.000		41	.000	48	.000		60
P ₁	.0406	28	.020		202	.042	47	.0202		76
P ₂	.0812	32	.040		513	.084	51	.0404		105
P ₃	.1218	36	.060		621	.126	53	.0606		153
P ₄	.1624	39	.080		674	.168	57	.0808		241
P ₅	.203	41	.100		705	.210	60	.1010		375
P ₆			.120		727			.1212		506
P ₇			.140		743			.1414		584
P ₈			.160		757			.1616		628
P ₉			.180		768			.1818		661
P ₁₀			.200		775			.202		683
Reading Interval	6		3			6		3		Minutes
REMARKS:										

SPECIAL PRESSURE DATA

