

15-041-20033

15-145-3E

FLUID SAMPLE DATA				Date		Ticket Number	
Sampler Pressure _____ P.S.I.G. at Surface				5-14-76		062130	
Recovery: Cu. Ft. Gas _____				Kind of Job		Halliburton District	
cc. Oil _____				OPEN HOLE		EL DORADO	
cc. Water _____				Tester		Witness	
cc. Mud _____				CANNON		RIGGS	
Tot. Liquid cc. _____				Drilling Contractor			
Gravity _____ ° API @ _____ ° F.				B & N DRILLING COMPANY RIG # 12			
Gas/Oil Ratio _____ cu. ft./bbl.				EQUIPMENT & HOLE DATA NM S			
RESISTIVITY _____ CHLORIDE CONTENT _____				Formation Tested			
Recovery Water @ _____ ° F. _____ ppm				Mississippi			
Recovery Mud @ _____ ° F. _____ ppm				Elevation			
Recovery Mud Filtrate @ _____ ° F. _____ ppm				1271' G.L. _____ Ft.			
Mud Pit Sample @ _____ ° F. _____ ppm				Net Productive Interval			
Mud Pit Sample Filtrate @ _____ ° F. _____ ppm				8' _____ Ft.			
Mud Weight 9.7 vis 64 cp				All Depths Measured From			
				Ground Level			
				Total Depth			
				2275' _____ Ft.			
				Main Hole/Casing Size			
				7 7/8" Hole			
				Drill Collar Length			
				80' I.D. 2.250"			
				Drill Pipe Length			
				2129' I.D. 3.826"			
				Packer Depth(s)			
				2235' - 2241' _____ Ft.			
				Depth Tester Valve			
				2214' _____ Ft.			
TYPE		AMOUNT		Depth Back		Surface	
Cushion		NONE		Ft. Pres. Valve		Choke	
				NONE		1/4" Bottom Choke 3/4"	
Recovered 90' Feet of watery mud							
Recovered Feet of							
Recovered Feet of							
Recovered Feet of							
Recovered Feet of							
Remarks On bottom at 2042. Tool opened for a 32 minute first flow with a weak blow. No gas. Closed tool for a 29 minute first closed in pressure. Tool re-opened for a 60 minute second flow with a very weak blow. No gas. Took a 60 minute second closed in pressure. Pulled out of the hole @ 2348.							
TEMPERATURE		Gauge No. 5595		Gauge No. 5594		Gauge No.	
Depth: 2219' Ft.		Depth: 2271' Ft.		Depth: _____ Ft.		TIME	
Est. _____ ° F.		12 Hour Clock		12 Hour Clock		Tool	
Blanked Off NO		Blanked Off YES		Blanked Off		Opened 2047 A.M.	
Actual 2270' @						Opened _____ A.M.	
88 ° F.						By-pass 2348 P.M.	
Pressures		Pressures		Pressures		Reported	
Field Office		Field Office		Field Office		Minutes	
Initial Hydrostatic		1142 1166 1173				Minutes	
Flow Initial		21 38 50				31 32	
Flow Final		29 55 58				30 29	
Closed in		621 646 649				60 60	
Flow Initial		36 55 69				60 60	
Flow Final		50 69 79					
Closed in		621 644 649					
Flow Initial							
Flow Final							
Closed in							
Final Hydrostatic		1129 1149 1158					

DELKER "A"

1

2241' - 2275'

APR 15-041-20033

ANADARKO PRODUCTION COMPANY

Legal Location

15 - 145 - 323E

Field Area

WILDCAT

County

DICKINSON

State

KANSAS

Lease Name

Well No.

Test No.

Tested Interval

County

DICKINSON

State

KANSAS

Lease Owner/Company Name

Casing perms. _____ Bottom choke 3/4" Surf. temp. _____ °F Ticket No. 062130
Gas gravity _____ Oil gravity _____ GOR _____
Spec. gravity _____ Chlorides _____
INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED 2" Merla Well Tester _____ ppm Res. _____ @ _____ °F

[illegible]

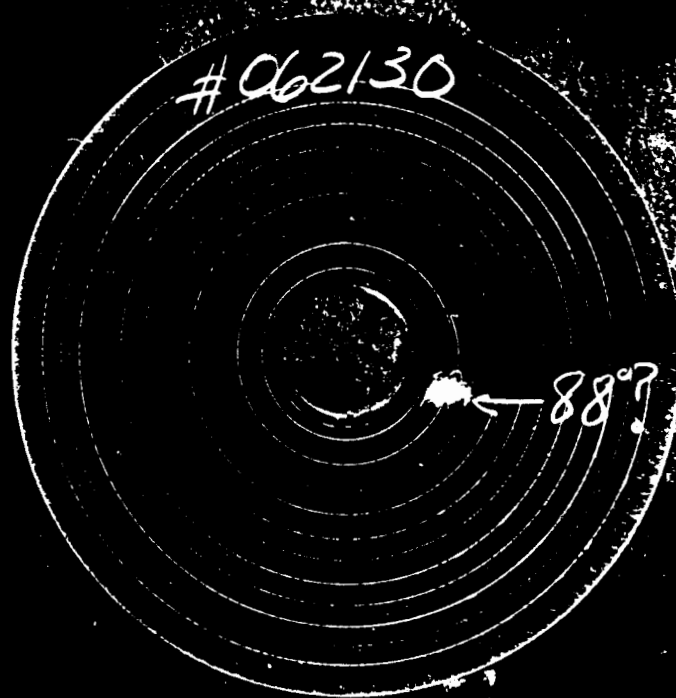
Gauge No.		5595		Depth		2219'		Clock No.		13663		12 hour		Ticket No.		062130					
First Flow Period		First Closed In Pressure				Second Flow Period				Second Closed In Pressure				Third Flow Period				Third Closed In Pressure			
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	PSIG Temp. Corr.			
0	.000	21		29	.000	36	.000		50												
1	.0462	23*		238**	.0672	35	.0672		379												
2	.0791	24		407	.1343	38	.1343		473												
3	.1121	25		484	.2015	40	.2015		517												
4	.1451	26		529	.2687	42	.2687		544												
5	.1780	28		560	.3358	44	.3358		562												
6	.2110	29		579	.4030	50	.4030		575												
7				595					584												
8				606					593												
9				615					598												
10				621					604												
11									609												
12									613												
13									616												
14									619												
15									621												

Gauge No.	5594	Depth	2271'	Clock No.	3459	hour	12
0	.0000	50	58	.0000	79		
1	.0457	52*	273**	.0266	397		
2	.0784	53	430	.0532	494		
3	.1110	54	511	.0798	542		
4	.1437	55	558	.1064	575		
5	.1763	57	588	.1330	591		
6	.2090	58	609	.1596	603		
7			623	.1862	613		
8			633	.2128	620		
9			642	.2394	627		
10			649	.2660	632		
11				.2926	636		
12				.3192	641		
13				.3458	644		
14				.3724	647		
15				.3990	649		
Reading Interval 5		3	10	4			Minutes

REMARKS: * INTERVAL = 7 MINUTES. ** INTERVAL = 2 MINUTES.

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	5"	3.00"	1'	
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	2129'	
Drill Collars	5 1/4"	2.250"	80'	
Handling Sub & Choke Assembly	5"	2.25"	3'	
Dual CIP Valve	5"	.87"	5'	2209'
Dual CIP Sampler	5"	.75"	5'	2214'
Hydro-Spring Tester	5"	2.375"	2'	
DOUBLE PIN-----				
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	2.25"	4'	2219'
Hydraulic Jar	5"	1.75"	5'	
VR Safety Joint	5"	1.00"	3'	
Pressure Equalizing Crossover				
Packer Assembly NR	6 3/4"	1.53"	6'	2235'
Distributor				
Packer Assembly NR	6 3/4"	1.53"	6'	2241'
Flush Joint Anchor	5"	2.37"	27'	
Pressure Equalizing Tube				
Blonked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor HT-500	5"	-	2'	
Blonked-Off B.T. Running Case	5"	2.75"	4'	2271'
Total Depth				2275'

TEMPERATURE RECORDER CHART



10° each circle

OF_3	= Theoretical Open Flow Potential with/Damage Removed Max.	MCF/D
OF_4	= Theoretical Open Flow Potential with/Damage Removed Min.	MCF/D
P_s	= Extrapolated Static Pressure	Psig.
P_f	= Final Flow Pressure	Psig.
P_{or}	= Potentiometric Surface (Fresh Water *)	Feet
Q	= Average Adjusted Production Rate During Test	bbls/day
Q_1	= Theoretical Production w/Damage Removed	bbls/day
Q_g	= Measured Gas Production Rate	MCF/D
R	= Corrected Recovery	bbls
r_w	= Radius of Well Bore	Feet
t	= Flow Time	Minutes
t_o	= Total Flow Time	Minutes
T	= Temperature Rankine	°R
Z	= Compressibility Factor	—
μ	= Viscosity Gas or Liquid	CP
Log	= Common Log	

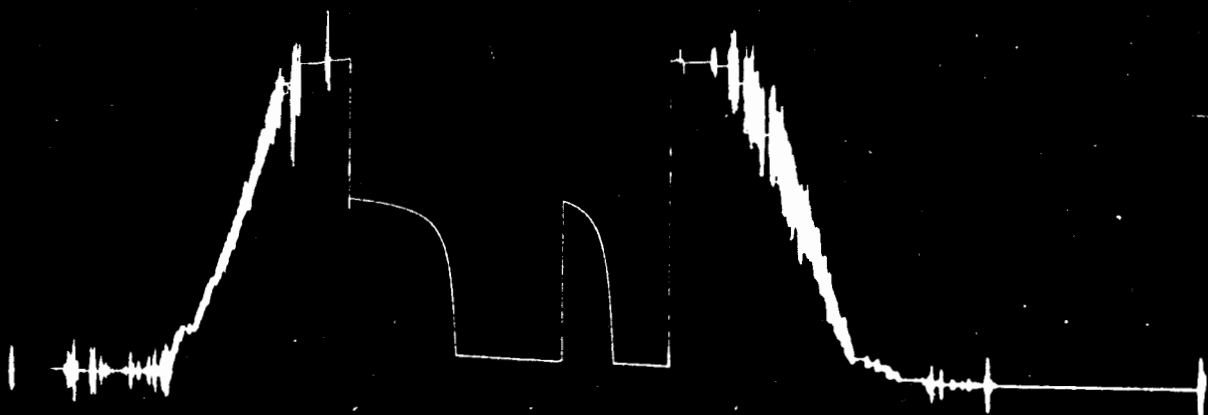
* Potentiometric Surface Reference to Rotary Table When Elevation Not Given,
Fresh Water Corrected to 60°F.

Each Horizontal Line Equal to 1000 p.s.i.

BT 5594

062130

062130-5594
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Computer Inventoried

BT 5595

062130

062130-5595
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