FLUID SAMPLE DATA

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.

Customer took samples

	RESISTIVITY	@		CHLORIDE CONTENT
Recovery Water	_____	@	°F.	_____ ppm
Recovery Mud	_____	@	°F.	_____ ppm
Recovery Mud Filtrate	_____	@	°F.	_____ ppm
Mud Pit Sample	_____	@	°F.	_____ ppm
Mud Pit Sample Filtrate	_____	@	°F.	_____ ppm

Mud Weight 9.3 vis 38 cp

Date 6-29-74 Ticket Number 629540
Kind of Job STRADDLE OPEN HOLE Halliburton District FARMINGTON
Tester L. WILLINGER Witness G. WILSON
Drilling Contractor CHESNEY # 10 sm S

EQUIPMENT & HOLE DATA

Formation Tested DAkota
Elevation 7249' Ft.
Net Productive Interval 14' Ft.
All Depths Measured From Kelly bushing
Total Depth 2213' Ft.
Main Hole/Casing Size 6 1/4"
Drill Collar Length 200' I.D. 1 1/4"
Drill Pipe Length 1780' I.D. 2.151"
Packer Depth(s) 1810-1824' Ft.
Depth Tester Valve 1793' Ft.

Cushion TYPE _____ AMOUNT _____ Depth Back Pres. Valve _____ Ft.
Surface Choke .75" Adj. Bottom Choke .75"

Recovered 150 Feet of mud with trace of oil
Recovered _____ Feet of _____
Recovered _____ Feet of _____
Recovered _____ Feet of _____
Recovered _____ Feet of _____

Meas. From Tester Valve

Remarks Tool opened for 44 minute flow with a weak blow decreasing to very weak blow at the end of the test. Closed tool for 91 minute closed in pressure period. CHARTS INDICATE PARTIAL PLUGGING OF TOOLS DURING THE INITIAL FLOW PERIOD.

TEMPERATURE	Gauge No. 349 Depth: 1797 Ft.	Gauge No. 283 Depth: 1821 Ft.	Gauge No. Depth: Ft.	TIME
	24 Hour Clock	48 Hour Clock	Hour Clock	Tool Opened 3:00 A.M. P.M.
Est. °F.	Blanked Off no	Blanked Off yes	Blanked Off	Opened XXX
Actual 106 °F.	Pressures	Pressures	Pressures	Bypass 5:15 P.M.

		Field	Office	Field	Office	Field	Office	Reported Minutes	Computed Minutes
Initial Hydrostatic		900	906	911	911				
First Period	Flow Initial	26	34	32	40			———	———
	Flow Final	72	72	78	76			45	44
	Closed in	472	430	443	432			90	91
Second Period	Flow Initial							———	———
	Flow Final								
	Closed in								
Third Period	Flow Initial							———	———
	Flow Final								
	Closed in								
Final Hydrostatic		893	896	904	898			———	———

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FORMATION TEST DATA

LITTLE'S 93974 5M 8/73

Legal Location Sec. - Twp. - Rng. 18 16 9
Lease Name BULLSEYE
Well No. 2
Test No. 1
Tested Interval 1810 - 1824'
Field Area GRANTS
County MC KINLEY
State NEW MEXICO
Lease Owner/Company Name FAIRFAX EXPLORATION INCORPORATED

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Gauge No.	349	Depth	1797'	Clock No.	13023	24 hour	Ticket No.	629540

	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"	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.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
0	.0000	34	.0000		72										
1	.1420	72	.0333*		97										
2			.0633		127										
3			.0933		169										
4			.1233		225										
5			.1533		281										
6			.1833		327										
7			.2133		367										
8			.2433		392										
9			.2733		413										
10			.3030		430										
11															
12															
13															
14															
15															

Gauge No.	283	Depth	1821'	Clock No.	12118	48 hour

0	.0000	40	.0000		76										
1	.0720	76	.0166*		101										
2			.0315		134										
3			.0464		176										
4			.0613		232										
5			.0762		287										
6			.0911		335										
7			.1060		370										
8			.1209		396										
9			.1358		416										
10			.1510		432										
11															
12															
13															
14															
15															
Reading Interval			9												Minutes

REMARKS: *First interval is equal to 10 minutes.

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SPECIAL PRESSURE DATA

LITTLE S

TICKET NO. 629540

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	3 7/8"	2"	1.80'	
Water Cushion Valve				
Drill Pipe	2 7/8"	2.151"	1780'	
Drill Collars	3.50"	1 1/4"	200'	
Handling Sub & Choke Assembly				
Dual CIP Valve	3 7/8"	.87"	64.97"	
Dual CIP Sampler				
Hydro-Spring Tester	3 7/8"	.62"	61.12"	1793'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	3 7/8"	3.00"	59.20"	1797'
Hydraulic Jar	3 7/8"	1.25"	60'	
VR Safety Joint	3 7/8"	.75"	30.32"	
Pressure Equalizing Crossover				
Packer Assembly	5½"	.75"	54.27"	1810'
Distributor				
Packer Assembly				
Flush Joint Anchor	3 3/4"	1.75"	11'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case	3 3/4"	3"	4'	1821'
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly	5 1/4"	.75"	54.27"	1824'
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor	5 1/4"	1"	4'	1828'
Drill Collars				
Flush Joint Anchor				
Blanked-Off B.T. Running Case				
Total Depth				

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EQUIPMENT DATA

LITTLE S

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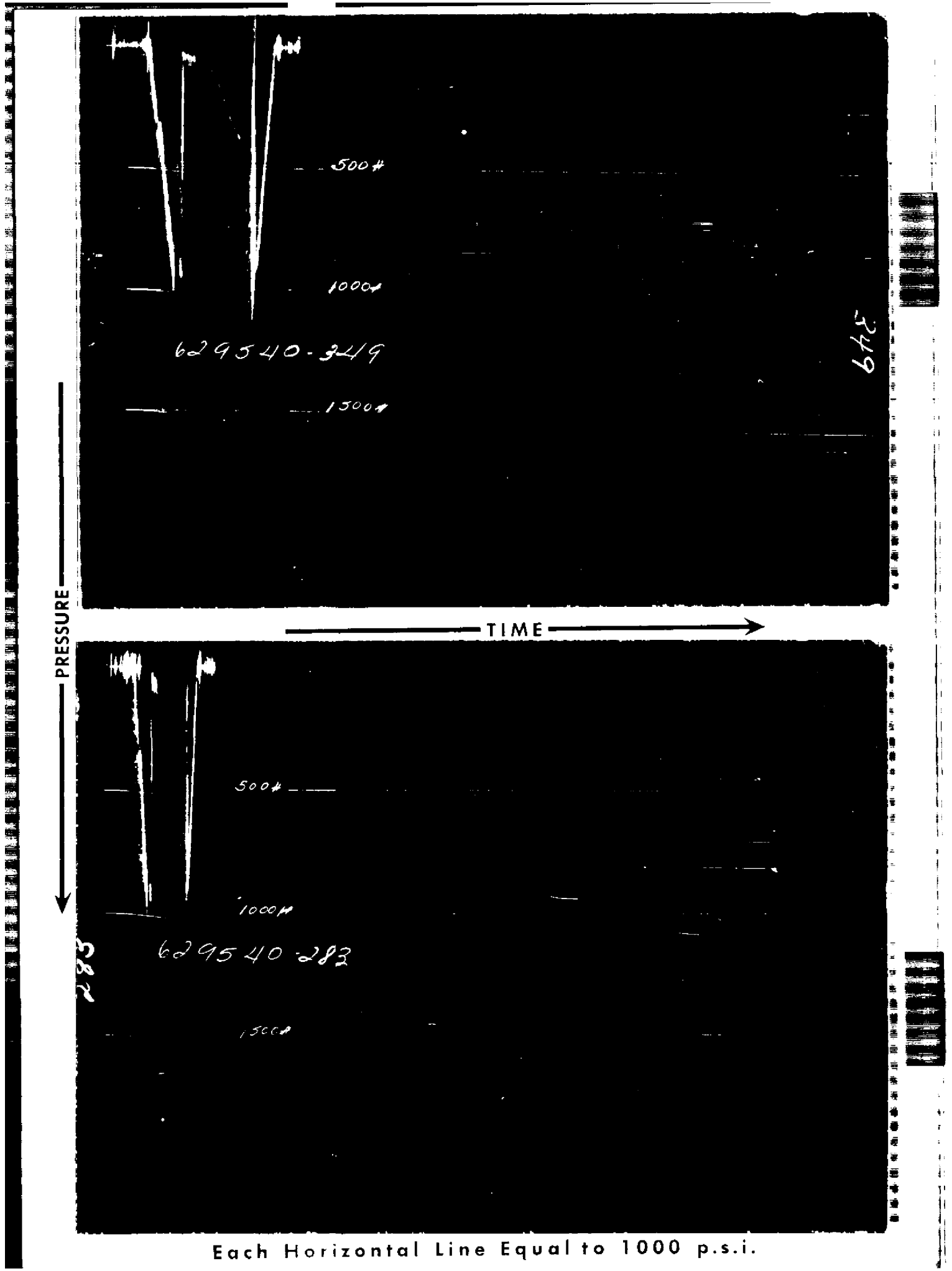

Each Horizontal Line Equal to 1000 p.s.i.

NOMENCLATURE

b	= Approximate Radius of Investigation	Feet
b_1	= Approximate Radius of Investigation (Net Pay Zone h_1)	Feet
D.R.	= Damage Ratio	—
El	= Elevation	Feet
GD	= B.T. Gauge Depth (From Surface Reference)	Feet
h	= Interval Tested	Feet
h_1	= Net Pay Thickness	Feet
K	= Permeability	md
K_1	= Permeability (From Net Pay Zone h_1)	md
m	= Slope Extrapolated Pressure Plot (Psi^2/cycle Gas)	psi/cycle
OF_1	= Maximum Indicated Flow Rate	MCF/D
OF_2	= Minimum Indicated Flow Rate	MCF/D
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_{at}	= Potentiometric Surface (Fresh Water*)	Feet
Q	= Average Adjusted Production Rate During Test	bbls/day
Q_t	= 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 100 F.