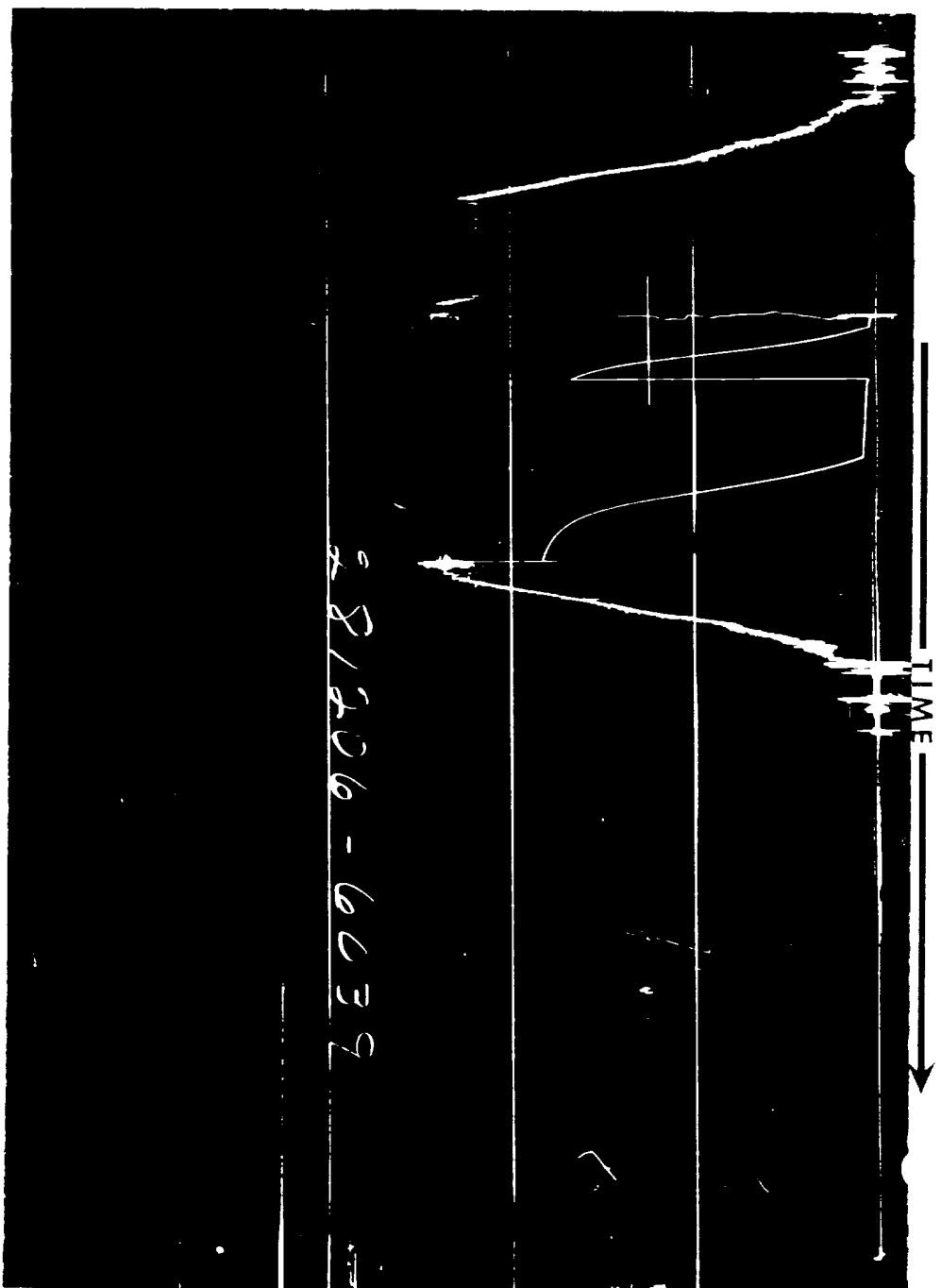
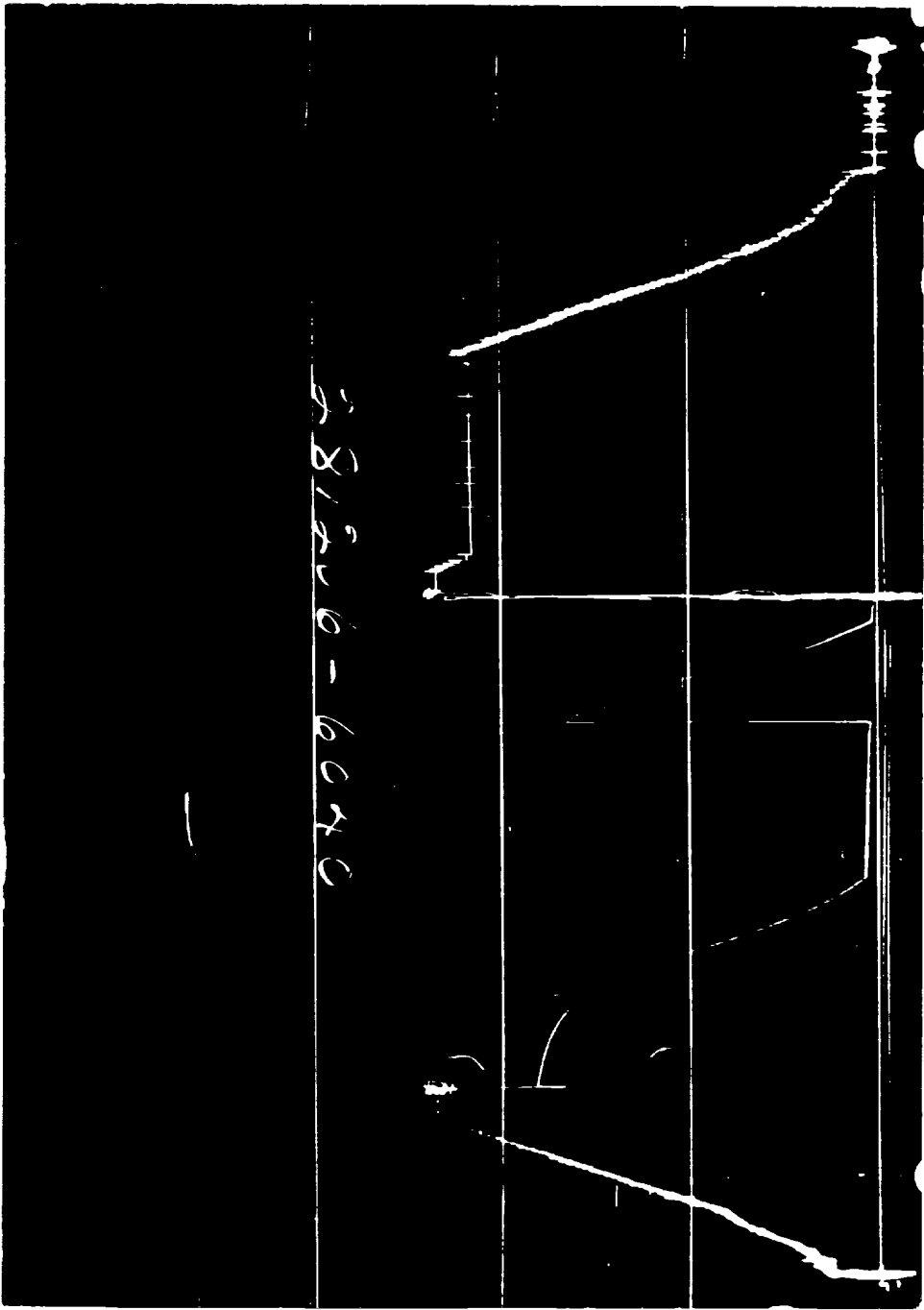




Each Horizontal Line Equal to 1000 p.s.i.

NOMENCLATURE

b	≈	Approximate Radius of Investigation	Feet
b _i	≈	Approximate Radius of Investigation (Net Pay Zone h)	Feet
D.R.	≈	Damage Ratio	
EI	≈	Elevation	Feet
GD	≈	B. I. Gauge Depth (From Surface Reference)	Feet
h	≈	Interval Tested	Feet
h _i	≈	Net Pay Thickness	Feet
K	≈	Permeability	md
K _i	≈	Permeability (From Net Pay Zone h)	md
m	≈	Slope Extrapolated Pressure Plot (psi/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 _{oi}	≈	Potentiometric Surface (Fresh Water)	Feet
Q	≈	Average Adjusted Production Rate During Test	bbls/day
Q _i	≈	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 Surface Water Elevation Not Given.
Fresh Water Correction to 2.2 ft.

2 81206-5160

FLUID SAMPLE DATA				Date <u>8-25-77</u> Ticket Number <u>281206</u>			
Sampler Pressure _____ P.S.I.G. at Surface Recovery: Cu. Ft. Gas <u>3.7</u> cc. Oil <u>1500</u> cc. Water <u>-</u> cc. Mud <u>-</u> Tot. Liquid cc. <u>1500</u> Gravity _____ ° API @ _____ °F. Gas/Oil Ratio _____ cu. ft./bbl. RESISTIVITY CHLORIDE CONTENT Recovery Water _____ @ _____ °F. _____ ppm Recovery Mud <u>4.00</u> @ <u>88</u> °F. _____ ppm Recovery Mud Filtrate _____ @ _____ °F. _____ ppm Mud Pit Sample <u>4.25</u> @ <u>90</u> °F. _____ ppm Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm Mud Weight <u>9</u> vis <u>70</u> sec				Kind of Job <u>STRADDLE OPEN HOLE</u> Tester <u>D. HOEFER</u> Witness <u>H. HOLLINGWORTH</u> Drilling Contractor <u>4-CORNERS</u> DR EQUIPMENT & HOLE DATA Formation Tested <u>Gallup</u> Elevation <u>6537'</u> Ft. Net Productive Interval <u>22'</u> Ft. All Depths Measured From <u>Kelly Bushing</u> Total Depth <u>5021'</u> Ft. Main Hole/Casing Size <u>7 7/8"</u> Drill Collar Length <u>486'</u> I.D. <u>2.5"</u> Drill Pipe Length <u>4391'</u> I.D. <u>3.826"</u> Packer Depth(s) <u>4913-4919-4943-4948'</u> Ft. Depth Tester Valve <u>4892'</u> Ft.			
TYPE AMOUNT Cushion _____ Ft. Depth Back Pres. Valve _____ Surface Choke <u>3/4" Adj.</u> Bottom Choke <u>3/4"</u>							
Recovered <u>50</u> Feet of <u>oil</u>				Field Area <u>LOWER BISTI FIELD</u> Meas. From Tester Valve			
Recovered <u>70</u> Feet of <u>gas cut mud</u>							
Recovered _____ Feet of <u>There was 2700' of gas in drill pipe</u>							
Recovered _____ Feet of _____							
Recovered _____ Feet of _____							
Remarks <u>SEE PRODUCTION TEST DATA SHEET</u>							
TEMPERATURE		Gauge No. <u>6040</u> Depth: <u>4897</u> Ft.		Gauge No. <u>6039</u> Depth: <u>4930</u> Ft.		Gauge No. <u>5160</u> Depth: <u>5017</u> Ft.	
Est. _____ °F.		<u>12</u> Hour Clock		<u>24</u> Hour Clock		<u>24</u> Hour Clock	
Actual <u>130</u> °F.		Blanked Off <u>NO</u>		Blanked Off <u>NO</u>		Blanked Off <u>YES</u>	
		Pressures		Pressures		Pressures	
	Field	Office	Field	Office	Field	Office	
Initial Hydrostatic	<u>2339</u>	<u>2345</u>	<u>2376</u>	<u>2363</u>	-	<u>2418</u>	
First Period Flow	Initial	<u>27</u>	<u>9</u>	<u>27</u>	<u>27</u>	-	-
	Final	<u>40</u>	<u>28</u>	<u>41</u>	<u>39</u>	-	-
	Closed in	<u>1650</u>	<u>1651</u>	<u>1670</u>	<u>1670</u>	-	-
Second Period Flow	Initial	<u>40</u>	<u>56</u>	<u>41</u>	<u>42</u>	-	-
	Final	<u>80</u>	<u>66</u>	<u>82</u>	<u>73</u>	-	-
	Closed in	<u>1812</u>	<u>1811</u>	<u>1833</u>	<u>1827</u>	HYDROSTATIC RELEASE: <u>120</u> <u>120</u>	
Third Period Flow	Initial					<u>2769</u>	
	Final						
	Closed in						
Final Hydrostatic		<u>2339</u>	<u>2343</u>	<u>2363</u>	<u>2361</u>	-	<u>2414</u>

 Legal Location
 Sec. - Twp. - Rng. 10-26-14

 Lease Name
OLD TRADING POST

 Well No. 1

 Test No. 1

 Tested Interval
4919-4943'

 County SAN JUAN
 State NEW MEXICO
 Lease Owner/Company Name
DOME PETROLEUM CORPORATION