

FLUID SAMPLER DAT

00416666

5-29-71

Ticket
Number

533360

Sampler Pressure _____ P.S.I.G. at Surface
 Recovery: Cu. Ft. Gas _____
 cc. Oil _____
 cc. Water _____
 cc. Mud _____
 Tot. Liquid cc. _____

Kind
of Job

OPEN HOLE

Halliburton
District

STERLING

Tester

ROY KERPS

Witness

C. R. NEAL

Drilling
Contractor

EXETER DRILLING COMPANY SM S

Gravity 42 ° API @ 72 ° F.

Gas/Oil Ratio _____ cu. ft./bbl.

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 9.5 vis 78 cp

EQUIPMENT & HOLE DATA

Formation Tested

"J"

Elevation

5042'

Ft.

Net Productive Interval

9'

Ft.

All Depths Measured From

Kelly bushing

Total Depth

6060'

Ft.

Main Hole/Casing Size

7 7/8"

Drill Collar Length

300'

I.D.

2 1/2"

Drill Pipe Length

5700'

I.D.

3.826"

Packer Depth(s)

6030' - 6036'

Ft.

Depth Tester Valve

6005'

Ft.

TYPE AMOUNT

Cushion

Depth Back
Ft. Pres. ValveSurface
Choke

1/4 & 1/2" Choke

3/4"

Recovered 1725 Feet of free oil

Recovered 180 Feet of heavily oil and gas cut mud

Recovered Feet of

Recovered Feet of

Recovered Feet of

Remarks Tool opened with a good blow to bottom of 12" bucket in one minute, steadily increased for 5 minutes. Closed for 29 minute first closed in pressure. Tool re-opened for 57 minute second flow with a good blow, increased to 15# on 1/2" choke in 5 minutes, gas to the surface in 5 1/2 minutes, 19# in 8 minutes, decreasing to 10# in 15 minutes, 3# in 20 minutes and released thru 2" back to 1/4" choke, 2 1/2# in 30 minutes, Oil to surface in 45 minutes. Closed for 34 minute second CIP. Pulled 24

TEMPERATURE	Gauge No. 3407		Gauge No. 3406		Gauge No. stds and left hang till	
	Depth: 6009 Ft.		Depth: 6056 Ft.		Depth: daylight. Ft.	
Est.	12 Hour Clock		12 Hour Clock		Hour Clock	
° F.	Blanked Off no		Blanked Off yes		Blanked Off	
Actual 173 ° F.	Pressures		Pressures		Pressures	
	Field	Office	Field	Office	Field	Office
Initial Hydrostatic	3224	3246	3299	3278		
First Period Flow	Initial	253	302	292	328	
	Final	267	289	305	317	
	Closed in	1601	1635	1638	1639	
Second Period Flow	Initial	293	335	318	342	
	Final	797	832	821	834	
	Closed in	1588	1613	1612	1616	
Third Period Flow	Initial					
	Final					
	Closed in					
Final Hydrostatic	3159	3070	3195	3078		

Legal Location
Sec. - Twp. - Rng.

SEC 34 35, 59'

Well No.

Field Area

3 E CABIN CREEK

County

ADAMS

State

COLORADO

Lease Name

Well No.

Test No.

Tested Interval

Lease Owner/Company Name

MIDWEST OIL CORPORATION

Gauge No. 3407			Depth 6009'		Clock No. 1047		12hour	Ticket No. 533360							
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	.000	302	.000		289	.000	335	.000		832					
1	.0072	291	.0211		1558	.0667	389	.0212		1467					
2	.0144	273	.0422		1604	.1334	508	.0424		1533					
3	.0216	284	.0633		1619	.2001	616	.0636		1562					
4	.0288	284	.0844		1625	.2668	716	.0848		1577					
5	.0360	289	.1055		1629	.3335	806	.1060		1588					
6			.1266		1631	.3800**	832	.1272		1596					
7			.1477		1633			.1484		1601					
8			.1688		1634			.1696		1605					
9			.1899		1635			.1908		1608					
10			.2040*		1635			.2400**		1613					
11															
12															
13															
14															
15															

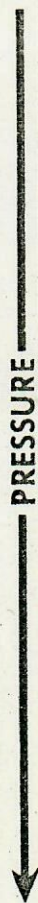
Gauge No. 3406			Depth 6056'			Clock No. 10406			12	hour							
0	.000	328	.000		317	.000	342	.000		834							
1	.006	309	.0194		1592	.0656	369	.0197		1486							
2	.012	313	.0388		1613	.1312	497	.0394		1542							
3	.018	310	.0582		1625	.1968	610	.0591		1564							
4	.024	312	.0776		1629	.2624	715	.0788		1580							
5	.030	317	.0970		1633	.3280	806	.0985		1589							
6			.1164		1636	.3740**	834	.1182		1597							
7			.1358		1637			.1379		1603							
8			.1552		1637			.1576		1607							
9			.1746		1639			.1773		1609							
10			.1880*		1639			.2230**		1616							
11																	
12																	
13																	
14																	
15																	
Reading Interval 1			3			10			3							Minutes	

REMARKS: *Last interval is equal to 2 minutes. **Last = 7 minutes.

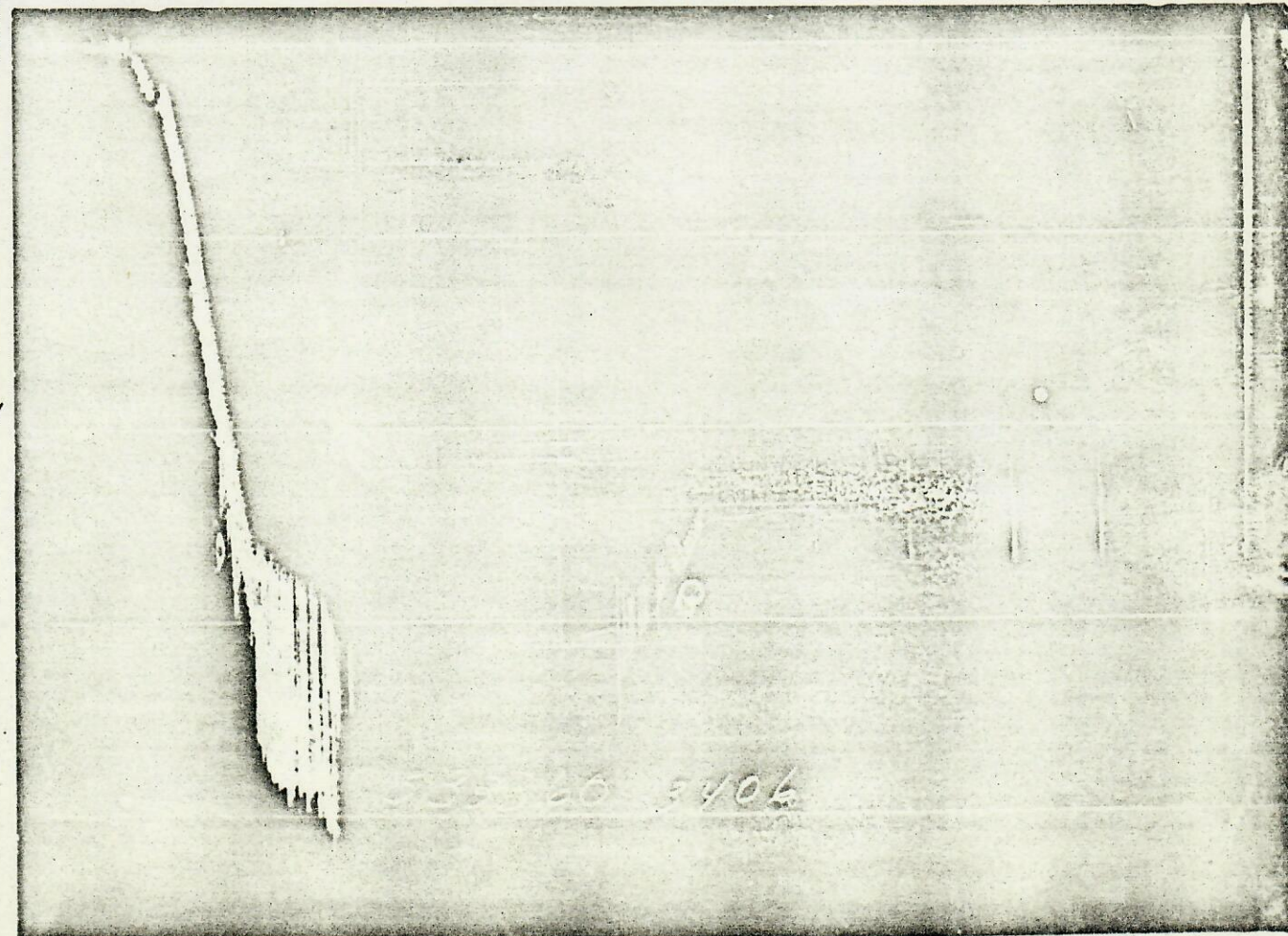
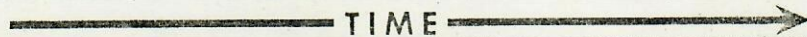


	O. D.	I. D.	LENGTH	DEPTH
Reversing Sub	6"	2½"	1'	5640'
Water Cushion Valve				
Drill Pipe	4½"	3.826"	5700'	
Drill Collars				
Handling Sub & Choke Assembly	5"	3/4"	5'	
Dual CIP Valve				
Dual CIP Sampler	5"	3/4"	5'	6005'
Hydro-Spring Tester				
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	4"	4'	6009'
Hydraulic Jar	5"	1.74"	5'	
VR Safety Joint	5"	1.00"	3'	
Pressure Equalizing Crossover				
Packer Assembly	7"	1.53"	6'	6030'
Distributor				
Packer Assembly	7"	1.53"	6'	6036'
Flush Joint Anchor	5"	2.37"	20'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
				24'
Packer Assembly				Open
Anchor Pipe Safety Joint				Test
				Area
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor				
Blanked-Off B.T. Running Case	5"	2½"	4'	6056'

PRESSURE



TIME



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