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...found a better way

JAN 17 1972

EQUIPMENT & HOLE DATA

EQUIPMENT & HOLE DATA			
Type Test	M. F. E. OPEN HOLE		
Formation Tested	WOLF CAMP		
Elevation	-		Ft.
Net Productive Interval	25		Ft.
Estimated Porosity	-		%
All Depths Measured From	KELLY BUSHING		
Total Depth	9634		Ft.
Main Hole/Casing Size	7 7/8"		
Rat Hole/Liner Size	-		
Drill Collar Length	531'	I.D.	2.25"
Drill Pipe Length	9035'	I.D.	3.4"
Packer Depth(s)	9598 & 9604		Ft.

Sampler Pressure 2200 P.S.I.G. at Surface
 Recovery: Cu. Ft. Gas 7.2
 cc. Oil 120
 cc. Water -
 cc. Mud 1800 (HEAVILY OIL CUT
 Tot. Liquid cc. 1920
 Gravity 45.5 °API @ 60 °F.
 Gas/Oil Ratio (SEE REMARKS) cu. ft./bbl.

CHLORIDE
CONTENT

Recovery Water	-	@	-	°F.	-	ppm
Recovery Mud	-	@	-	°F.		
Recovery Mud Filtrate	-	@	-	°F.	-	ppm
Mud Pit Sample	.04	@	90	°F.		
Mud Pit Sample Filtrate	.04	@	90	°F.	158000	ppm

Mud Type	SALT GEL	Wt.	10.3	
Viscosity	43	Water Loss	9.0	C.C.
Resist. of Mud	.04 @ 90	°F; of Filtrate	.04 @ 90	°F
Chloride Content	158000			PPM

RECOVERY DESCRIPTION	FEET	BARRELS	% OIL	% WATER	% OTHERS	API GRAVITY	RESISTIVITY	CHL. PPM
FLOWED INTO TANK:						@ °F.	@ °F.	
OIL	-	98				45.5@ 60 °F.	@ °F.	
						@ °F.	@ °F.	
REVERSED OUT:						@ °F.	@ °F.	
OIL	-	80				@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	

Remarks: G. O. R. CALCULATED AT SURFACE WAS 2470 - 1. DUE TO MUD IN SAMPLE CHAMBER, AN ACCURATE G. O. R. COULD NOT BE DETERMINED.

Address 3303 LEE PARKWAY; DALLAS, TEXAS 75205

Company THE PETROLEUM CORPORATION

Well PETCO STATE #2

Test Interval 9604' to 9634'

Location _____

Test # 1

Field WILD CAT

Date 6-17-71

County EDDY

State

NEW MEXICO

MR. J. BERRY

Field Report No. 20213 B

7 144

PRESSURE DATA					
Instrument No.	J-028			Field Report No. 20213 B	
Capacity (P.S.I.G.)	6400				
Instrument Depth	9628'				
Instrument Opening	INSIDE				
Pressure Gradient P.S.I./Ft.					
Well Temperature °F.	149			TIME DATA	
Initial Hydrostatic Mud	A	5282.1			
Initial Shut-in	B	4100.0			
Initial Flow	C	3381.3			
SECOND FLOW	C-6	3717.3			
SECOND SHUT-IN	B-1	3815.8			
Final Flow	D	3630.1			
Final Shut-in	E *	3651.6			
Final Hydrostatic Mud	F	5217.7			
Remarks:	C-1	3308.1	C-5	3759.0	
	C-2	3338.4	C-7	3274.0	
	C-3	3334.6	C-8	3262.6	
	C-4	3799.4	C-9	3673.1	
* Shut in pressure did not reach static reservoir pressure. Clock Travel 0.02210 inches per min.					

PRESSURE INCREMENTS					
DT	PSI	LOG	DT	PSI	LOG
INITIAL SHUT IN BREAKDOWN					
C 1 0	3308.1	0.000	60	4098.7	0.048
10	4093.6	0.230	70	4098.7	0.041
20	4096.2	0.130	80	4100.0	0.036
30	4097.4	0.091	90	4100.0	0.033
40	4098.7	0.070	B 95	4100.0	0.029
50	4098.7	0.057			
SECOND SHUT IN BREAKDOWN					
C 6 0	3717.3	0.000	100	3815.8	0.358
10	3815.8	1.140	110	3815.8	0.335
20	3815.8	0.869	120	3815.8	0.315
30	3815.8	0.722	130	3815.8	0.298
40	3815.8	0.623	140	3815.8	0.282
50	3815.8	0.551	150	3815.8	0.268
60	3815.8	0.496	160	3815.8	0.255
70	3815.8	0.452	170	3815.8	0.244
80	3815.8	0.415	180	3815.8	0.233
90	3815.8	0.384	B 1 182	3815.8	0.224
FINAL SHUT IN BREAKDOWN					
D 0	3630.1	0.000	100	3647.8	0.549
10	3645.3	1.422	110	3647.8	0.520
20	3645.3	1.137	120	3647.8	0.494
30	3646.5	0.976	130	3647.8	0.470
40	3646.5	0.866	140	3649.1	0.449
50	3646.5	0.784	150	3649.1	0.430
60	3646.5	0.719	160	3649.1	0.413
70	3646.5	0.665	170	3650.3	0.397
80	3646.5	0.621	180	3651.6	0.382
90	3646.5	0.582	E 185	3651.6	0.369

SUPPLEMENTARY SHEET FOR FIELD REPORT # 20213 B

SURFACE INFORMATION			
DESCRIPTION(RATE OF FLOW)	TIME	PRESSURE (P.S.I.G.)	SURFACE CHOKE
OPENED TOOL	0348	-	CLOSED
STRONG BLOW INCREASING, TOO SMALL TO MEASURE	0349	-	1/2"
GAS TO SURFACE	0353	100	"
CLOSED FOR INITIAL SHUT-IN	0354	200	"
FINISHED SHUT-IN	0534	20	"
RE-OPENED TOOL	0536	20	"
FLUID TO SURFACE	0545	420	"
	0600	800	"
CHANGED CHOKE	0615	890	3/8"
	0630	960	"
	0645	960	"
	0715	1075	"
	0730	1050	"
CLOSED FOR SECOND SHUT-IN	0736	1050	"
FINISHED SHUT-IN	1036	20	1/4"
CHANGED CHOKE			
RE-OPENED TOOL	1038	20	"
	1045	150	"
	1050	400	"
	1100	975	"
	1130	1235	"
	1200	1275	"
	1220	1225	"
CLOSED FOR FINAL SHUT-IN	1241	1225	"
FINISHED SHUT-IN	1546	10	"
PULLED PACKER LOOSE	1548	-	"

FLOWED AN ESTIMATED 1.1 MMCF/DAY OF GAS