

SURFACE INFORMATION

[illegible]

RECOVERY DATA

[illegible]

EQUIPMENT, HOLE & MUD DATA

Type Test 2 1/2 PM '66 M. F. E.
 Formation Tested CANYON
 Elevation 4279 K.B. Ft.
 Net Productive Interval - Ft.
 Estimated Porosity - %
 All Depths Measured From KELLY BUSHING

EQUIPMENT SEQUENCE

[illegible]

Total Depth	9305	Ft.
Main Hole/Casing Size	7 7/8"	
Rat Hole/Liner Size	-	
Bottom Choke Size	15/16"	
Mud Type	SALT GEL	Wt. 9.7
Viscosity	44	Water Loss 14.8 C.C.

Cushion Type	Amount	Pressure

Remarks:	SAMPLE	CHLORIDE CONTENT	RESISTIVITY
	BOTTOM RECOVERY	73,000 PPM	.06 AT 78°
	PIT MUD	74,000 PPM	.055 AT 80°

Address 509 FIRST NATIONAL BANK BUILDING; MIDLAND, TEXAS

Company ALLEN K. TROBAUGH

Well DALLAS #1

Test Interval 9258' to 9305'

Field W. TATUM
Location 660FSL & 660FWL SEC. 15 T118 R33E

Test # 1

Date 4-15-66

County _____ LEA _____

State NEW MEXICO

Field Report No. 23009 A

Country _____
Technician RIDER (HOBBS)

Test Approved By MR. DICK BENCH

No. Reports Requested 5 xx

PRESSURE DATA

Instrument No.	J-001			Field Report No. 23009 A
Capacity (P.S.I.G.)	6400			
Instrument Depth	9299'			
Instrument Opening	OUTSIDE			
Pressure Gradient P.S.I./Ft.	-			
Well Temperature °F.	150			
				TIME DATA
				Time Given Time Computed
Initial Hydrostatic Mud	A	4984		
Initial Shut-in	B *	995		30 Mins. Mins.
Initial Flow	C	62		5 Mins. Mins.
	C-1	58		- Mins. Mins.
	C-2	54		- Mins. Mins.
Final Flow	D	58		60 Mins. Mins.
Final Shut-in	E *	1040		60 Mins. Mins.
Final Hydrostatic Mud	F	4994		

Remarks:

* Shut in pressure did not reach static reservoir pressure.

Clock Travel

inches per min.

PRESSURE INCREMENTS

[illegible]

[illegible][illegible]

EQUIPMENT, HOLE & MUD DATA		
Type Test	M. F. E.	
Formation Tested	PENNSYLVANIA	
Elevation	4279 K.B.	Ft.
Net Productive Interval	-	Ft.
Estimated Porosity	-	%
All Depths Measured From	KELLY BUSHING	

[illegible]

Total Depth	9412	Ft.
Main Hole/Casing Size	7 7/8"	
Rat Hole/Liner Size	-	
Bottom Choke Size	15/16"	
Mud Type	SALT GEL	Wt. 9.6
Viscosity	36	Water Loss 11.0 C.C.

Cushion Type	Amount	Pressure
	-	

Remarks:	SAMPLE	CHLORIDE CONTENT	RESISTIVITY
	TOP RECOVERY	47,000 PPM	.095 AT 84°
	MIDDLE RECOVERY	44,000 PPM	.11 AT 68°
	BOTTOM RECOVERY	43,000 PPM	.12 AT 64°
	PIT MUD	71,000 PPM	.068 AT 78°

Address 509 FIRST NATIONAL BANK BUILDING; MIDLAND, TEXAS

Company ALLEN K. TROBAUGH Field W. TATUM

Well DALLAS #1 Location 660FSL & 660FWL SEC.15 T11S R33E

Test Interval 9375' TO 9412' Test # 2 Date 4-16-66

County LEA State NEW MEXICO Field Report No. 23010 A

Technician RIDER (HOBBS) Test Approved By MR. DICK BENCH No. Reports Requested 5 xx

EQUIPMENT, HOLE & MUD DATAEQUIPMENT SEQUENCERECOVERY DATA

Total Depth 10000 Ft.
Main Hole/Casing Size 7 7/8"
Rat Hole/Liner Size -
Bottom Choke Size 15/16"
Mud Type SALT GEL Wt. 9.8
Viscosity 44 Water Loss 21.2 C.C.

Remarks: UNSUCCESSFUL TEST; PACKER SEAT FAILURE

No. Reports Requested 6 xx

[illegible]

EQUIPMENT, HOLE & MUD DATA	
Type Test	M. F. E.
Formation Tested	MIDDLE PENNSYLVANIA
Elevation	4279 K.B. Ft.
Net Productive Interval	- Ft.
Estimated Porosity	- %
All Depths Measured From	KELLY BUSHING

[illegible]

Total Depth	9721	Ft.
Main Hole/Casing Size	7 7/8"	
Rat Hole/Liner Size	-	
Bottom Choke Size	15/16"	
Mud Type	SALT GEL	Wt. 9.7
Viscosity	36	Water Loss 24.4 C.C.

Cushion Type	Amount	Pressure
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[illegible]

Remarks: _____

Address 509 FIRST NATIONAL BANK BUILDING; MIDLAND, TEXAS

Company ALLEN K. TROBAUGH FILE N. BAGLEY

Well DALLAS #1 Location 660FSL & 660FWL SEC-15 T11S R33E

Well DALLAS #1 Location 660FSL & 660FWL SEC.15 T11S R33E

Test Interval 9706' to 9721' Test # 3 Date 4-19-66

Test Interval 9706' to 9721' Test # 3 Date 4-19-66

County LEA State NEW MEXICO FILE NO. 23011 A

County LEA State NEW MEXICO FIELD NO. 23011 A

County LEA State NEW MEXICO Field Report No. 23011 A

Technician RIDER (HOBBS) Test Approved By MR. DICK BENCH Field Report No. 5 xx

Technician RIDER (HOBBS) Test Approved By MR. DICK BENCH Field Report No. 50017A
No. Reports Requested 5 XX

Technician RIDER (HOBBS) Test Approved By MR. DICK BENCH No. Reports Requested 5 XX

SURFACE INFORMATION

Description (Rate of Flow)	Time	Pressure (P.S.I.G.)	Surface Choke
Opened Tool	0851	-	1/2"
STRONG BLOW IMMEDIATELY			
AIR 240 MCF/DAY		22	"
CLOSED FOR INITIAL SHUT-IN	0856	-	"
GAS TO SURFACE	0857	-	"
FINISHED SHUT-IN	0956	-	"
RE-OPENED TOOL	0957	-	"
GAS 280 MCF/DAY	1003	28	"
GAS 360 MCF/DAY	1008	40	"
GAS 410 MCF/DAY	1013	48	"
GAS 430 MCF/DAY	1018	52	"
GAS 450 MCF/DAY	1023	54	"
GAS 450 MCF/DAY	1030	54	"
GAS 440 MCF/DAY	1045	53	"
GAS 420 MCF/DAY	1100	50	"
GAS 410 MCF/DAY	1115	48	"
GAS 390 MCF/DAY	1130	45	"
CHANGED TO 1" CHOKE	1135	6	"
	1140	4	1"
	1145	3	"
	1150	2	"
	1200	1	"
GAS 190 MCF/DAY	1215	15	1/2"
CLOSED FOR FINAL SHUT-IN	1227	18	"
FINISHED SHUT-IN	1427	-	"
PULLED PACKER LOOSE	1430	-	"

RECOVERY DATA

Description	Amount
UNLOADED FROM PIPE:	
OIL AND GAS CUT MUD	180' (1.84 BBLs)
MUD CUT OIL	1000' (10.20 BBLs)
REVERSED OUT:	
OIL	1000' (10.20 BBLs)
SALT WATER	2000' (18.97 BBLs)
RECOVERED BELOW CIRCULATING SUB:	
SALT WATER	110' (.67 BBLs)

Remarks: SAMPLE CHLORIDE CONTENT RESISTIVITY
 BOTTOM RECOVERY 27,000 PPM .155 AT 80°

EQUIPMENT, HOLE & MUD DATA

Type Test M. F. E.
 Formation Tested LOWER PENNSYLVANIA
 Elevation 4279 K.B.
 Net Productive Interval -
 Estimated Porosity -
 All Depths Measured From KELLY BUSHING

EQUIPMENT SEQUENCE

COMPONENTS	Size/Type	Depth/Length/ I.D.
DRILL PIPE	4" FH	9451' / 3.27"
DRILL COLLARS	4 1/2" H-90	350' / 2.5"
CIRCULATING SUB	4 1/2" PLUG	
DRILL COLLARS	4 1/2" H-90	110' / 2.5"
MULTI-FLOW		
EVALUATOR	3 1/2"	
BY-PASS VALVE	3 1/2" MFE	
JARS	3 1/2" HS-1	
SAFETY JOINT	3 1/2" HOMCO	
SAFETY SEAL	3 1/2"	
BOB-TAIL PACKER	6 3/4"	9949'
BOB-TAIL PACKER	6 3/4"	9955'
PERF. ANCHOR	4 1/2" HVY	4'
DRILL COLLAR	4 1/2" H-90	27' / 2.5"
PERF. ANCHOR	4 1/2" HVY	2'
RECORDER CARRIER	4 1/2" T	6'
RECORDER CARRIER	4 1/2" J	6'

Total Depth 10000 Ft.
 Main Hole/Casing Size 7 7/8"
 Rat Hole/Liner Size -
 Bottom Choke Size 15/16"
 Mud Type SALT GEL Wt. 9.8
 Viscosity 44 Water Loss 21.2 C.C.

Cushion Type Amount Pressure

Address 509 FIRST NATIONAL BANK BUILDING; MIDLAND, TEXAS

Company ALLEN K. TROBAUGH

Well DALLAS #1

Test Interval 9955' TO 10000'

Location 660FSL 660FWL SEC. 15 11s 33E

Test # 5

Date 4-27-66

County LEA

State NEW MEXICO

Technician RIDER (HOBBS)

Test Approved By MR. ALLEN K. TROBAUGH

Field Report No. 23013 A

No. Reports Requested 6 XX

