

COUNTY	LEA	FIELD	Lane, Middle	STATE	NM
OPR	THE LOUISIANA LAND & EXPL. CO.				MAP
	4 State				
	Sec. 24, T-10-S, R-33-E				CO-ORD
	660' FNL, 660' FWL of Sec.				30-025-22078
	Spd 4-4-67				EL
	Cmp 5-12-67	FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING					
13	3/8"	385'	350		
8	5/8"	4016'	200		
5	1/2"	9875'	200		
LOGS EL GR RA IND HC A					
		TD 9875', PBD 9802'			

IP Bough "C" Perfs 9786-9798' Flwd 397 BOPD + 49 BW, Eoc. Based on 19-3/4 hr test of 327 BO + 41 BW thru 24/64" chkl, FP 450#, Gravity 47.6.

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CONT. A. W. Thompson	PROP DEPTH 9850'	TYPE RT
DATE		

F.R. 4-6-67
PD 9850' - Penn.
Contr. - A. W. Thompson

5-18-67 AMEND WELL NUMBER & LEASE DESIGNATION:
Formerly #1 State 24.

4-11-67 TD 4016', prep run casing.

4-17-67 Drlg. 5671' lm.
DST 4590-4760', open 2 hrs,
Rec 300' GCM + 2880' Salt Wtr,
1 hr ISIP 1782#, FP 429-1483#,
3 hr FSIP 1733#.

4-25-67 TD 8275' sd & lm., trip.

5-2-67 TD 9246' lm., trip.

7-8-67 TD 9875', prep run casing.

5-15-67 TD 9875', PBD 9802', tstg.
Perf 9786-98' W/2 SPF
Acid (9786-98') 500 gals.
Flwd 327 BO + 41 BW in 19-3/4 hr test
thru 24/64" chk., Gravity 47.6.
5-22-67 TD 9875', PBD 9802', WO Pot.
6-1-67 TD 9875', PBD 9802', COMPLETE.
LOG TOPS: Anhydrite 1980', Yates 2636',
San Andres 3888', Glorieta 5347', Tubb
6828', Wolfcamp 8918', Bough "C" 9782'.

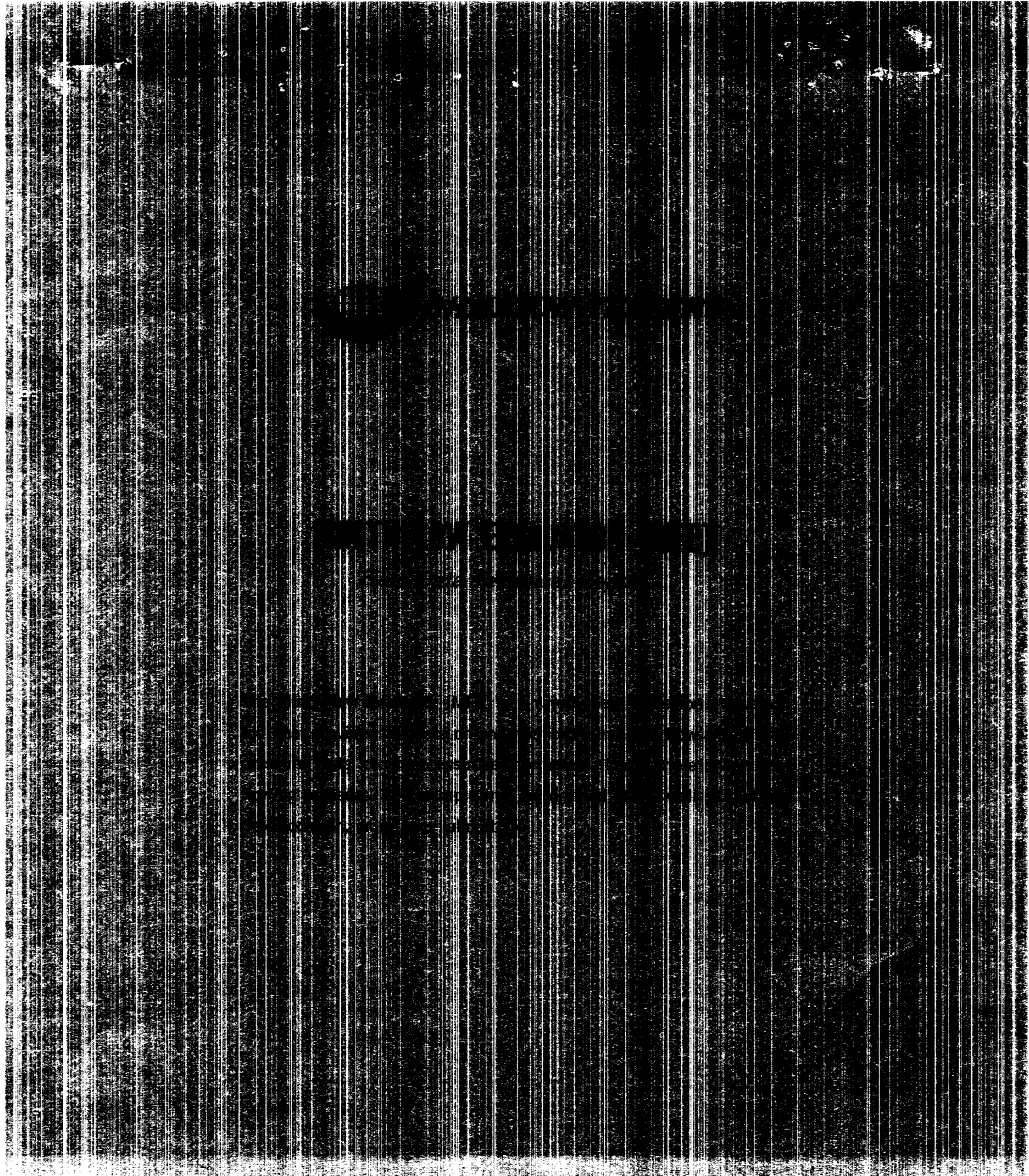
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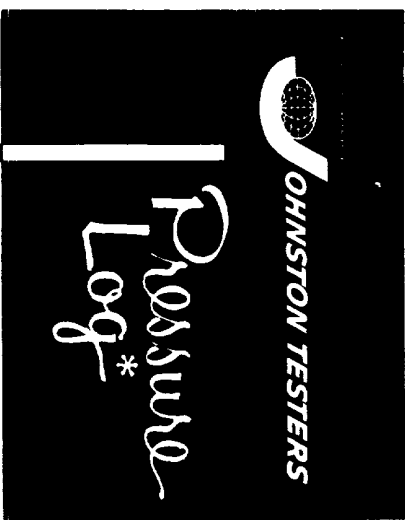
	CLASS		EL	
	FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING				
LOGS EL GR RA IND HC A				

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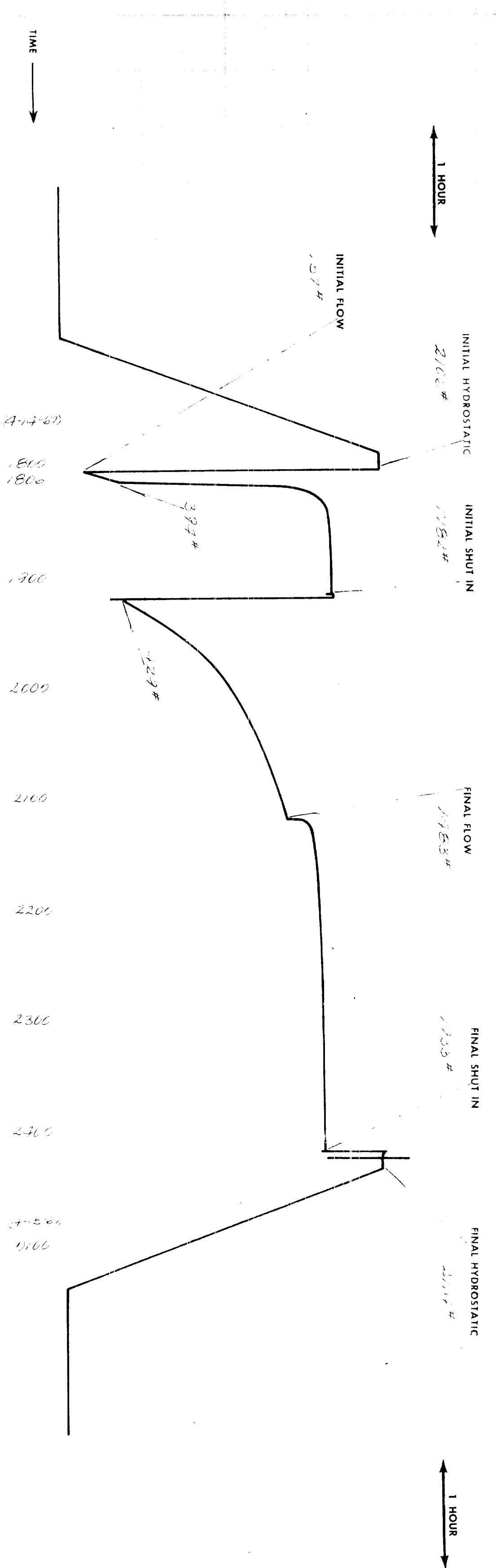
F.R. 4-6-67
PD 9850' - Penn.
Contr. - A. W. Thompson
5-18-67 AMEND WELL NUMBER & LEASE DESIGNATION:
Formerly #1 State 24.





Field Report No. 01860B
Instrument: _____
Number J-016
Capacity 2800 p.s.i.
Depth 4748 ft.

* a continuous tracing of the original chart





SURFACE INFORMATION	
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[illegible]

Cushion Type	Amount	Pressure	Bottom Choke
	-		Size 5/8"

MUD DATA	
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Mud Type CLEAR WATER Wt. -
 Viscosity - Water Loss - C.C.
 Resist. of Mud - @ - °F; of Filtrate .38 @ 64 °F
 Chloride Content 14500 PPM

EQUIPMENT & HOLE DATA

Type Test	M. F. E.
Formation Tested	SAN ANDRES
Elevation	4211 K.B. Ft.
Net Productive Interval	- Ft.
Estimated Porosity	- %
All Depths Measured From	KELLY BUSHING
Total Depth	4760 Ft.
Main Hole/Casing Size	7 7/8"
Rat Hole/Liner Size	-

[illegible]

COMPONENTS	Size/Type	Depth/Length/ I.D.
DRILL PIPE	4 $\frac{1}{2}$ " XH	3915' / 3.24"
DRILL COLLARS	4 $\frac{1}{2}$ " XH	509' / 2.5"
CIRCULATING SUB	4 $\frac{1}{2}$ " BO	
DRILL COLLARS	4 $\frac{1}{2}$ " XH	140' / 2.5"
MULTI-FLOW EVALUATOR	4 $\frac{1}{2}$ " REG	
BY-PASS VALVE	3 $\frac{1}{2}$ " MFE	
JARS	3 $\frac{1}{2}$ " HS-1	
SAFETY JOINT	3 $\frac{1}{2}$ " HOMCO	
SAFETY SEAL	3 $\frac{1}{2}$ "	
BOB-TAIL PACKER	6 3/4"	4584'
BOB-TAIL PACKER	6 3/4"	4590'
PERF. ANCHOR	5 $\frac{1}{2}$ " HVY	5'
DRILL COLLARS	6 $\frac{3}{4}$ " XH	86' / 2.5"
PERF. ANCHOR	5 $\frac{1}{2}$ " HVY	37'
DRILL COLLARS	6 $\frac{3}{4}$ " XH	30' / 2.5"
PERF. ANCHOR	5 $\frac{1}{2}$ " HVY	6'
RECORDER CARRIER	5 $\frac{1}{2}$ " T	6'

RECOVERY DESCRIPTION	FEET	BARRELS	% OIL	% WATER	% OTHERS	API GRAVITY	RESISTIVITY	CHL. PPM
GAS CUT DRILLING FLUID WITH						@ °F.	@ °F.	
TRACE OF OIL	300	3.06				@ °F.	.41 @ 59 °F.	13800
BLACK GAS CUT WATER WITH						@ °F.	@ °F.	
SPECKS OF OIL	2880	26.72				@ °F.	.25 @ 64 °F.	27000
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	

Remarks:

Address 1605 WILCO BUILDING; MIDLAND, TEXAS 79701

Company	LOUISIANA LAND AND EXPLORATION COMPANY	Field	-
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Well STATE ~~24-11~~ ~~W 4~~ Location SEC. 24 T-10-S R-33-E 660FN&WL

Test Interval 4590' TO 4760' Test # 1 Date 4-14-67

County LEA State NEW MEXICO Field Report No. 01860

Technician KIRKMAN (HOBBS) Test Approved By MR. F. H. REITER No. Reports Requested 5

Field Report No. 01860No. Reports Requested 5



MULTI-FLOW EVALUATOR FLUID SAMPLE REPORT

Date 4-14-67

Field Report No. 01860 B

Company LOUISIANA LAND AND EXPLORATION COMPANY

Well STATE 24 #1 Field -

County LEA State NEW MEXICO

Test Interval 4590' To 4760' Test No. 1

Type of Test M. F. E. Recovery Description 300' OF GAS CUT

DRILLING FLUID WITH TRACE OF OIL AND 2880' OF BLACK GAS CUT WATER WITH SPECKS OF OIL

Bot. Hole Temp. 108 °F.

Recorded Pressures: ISI 1782 psig.
SSI - psig.
FF 1483 psig.
FSI 1733 psig.

**Shut-in Pressure did not reach static reservoir pressure.*

EVALUATOR SAMPLER UNIT

Sample Drained: ☒ On Location ☐ Service Center ☐ Other _____

☐ Laboratory Name _____
Address _____

Sampler Pressure 40 psig. at Surface

Recovery: Cu. Ft. Gas -
cc. Oil 200
cc. Water 2200
cc. Mud -
Total Liquid cc. 2400

Gravity - °API - °F.
Gas/Oil Ratio -

RESISTIVITY

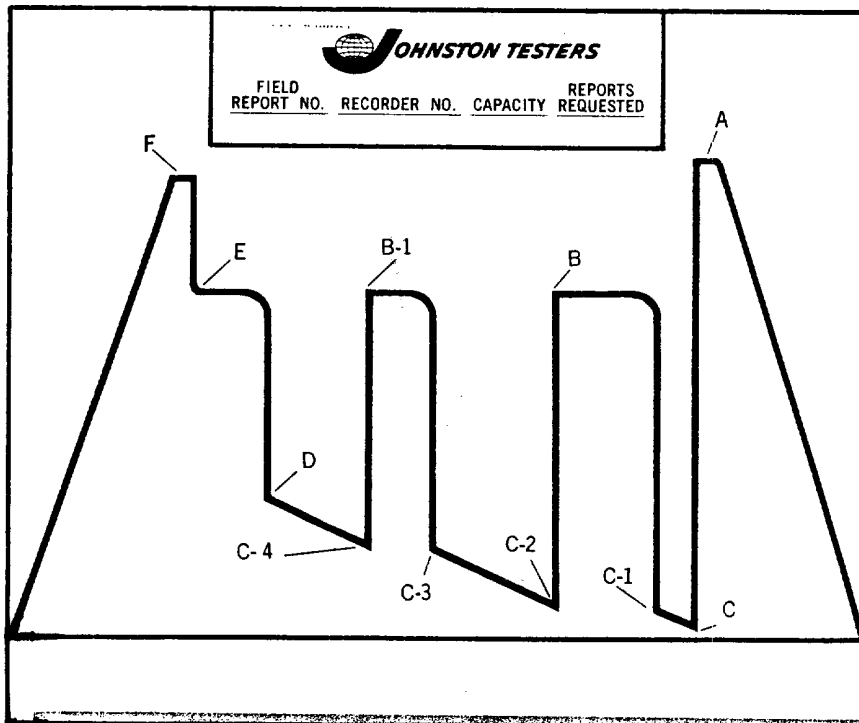
Recovery Water .22 @ 62 °F.
Recovery Mud - @ - °F.
Recovery Mud Filtrate - @ - °F.
Mud Pit Sample - @ - °F.
Mud Pit Sample Filtrate .38 @ 64 °F.

CHLORIDE CONTENT

31000 ppm.
- ppm.
14500 ppm.

Remarks _____

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



- A. Initial Hyd. Mud
- B. Initial Shut-in
- C. Initial Flow
- D. Final Flow
- E. Final Shut-in
- F. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
- C-1, C-2, C-3, etc. Flowing Pressures
- D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
- E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
- F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
- Z— Special pressure points such as pumping pressure recorded for formation breakdown.

FIELD REPORT NO. 0100 B
RECORDER NO. J-018
CAPACITY 2000#
REPORTS REQUESTED 5

JOHNSTON TESTERS