

SUGGESTED FIELD DATA SHEET (Not Required To File)									
Type Test ☐ Initial ☐ Annual ☒ Special Test Date 3-24-83						Lease No. or Serial No. NM-13978			
Company McClellan Oil Corp.						Connection Air			
Field Penjack		Reservoir Abo		Location 660 FSL 660 FEL		Unit 			
Completion Date 3-18-83		Total Depth 4510'		Plug Back TD 4464'		Elevation 3690'		Farm or Lease Name Leeman Fed.	
Csg. Size 4-1/2		Wt. 10.5		Set At 4510'		Perforations: From 4256'		To 4437'	
Tbg. Size 2-3/8		Wt. 4.7		Set At 4294'		Perforations: From 		To 	
Type Completion (Describe) Single gas well						Packer Set At None		County or Parish Chaves	
Producing Thru 		Reservoir Temp. F 		Mean Annual Temp. F 		Baro. Press. - P _a 13.2		State NM	
L 		H 		G _g 		% CO ₂ 		% H ₂ S 	
						Prover 		Meter Run 4.025	
						Taps FIG			

DATE	ELAP. TIME Hrs.	Wellhead Working Pressure			METER OR PROVER				REMARKS (Include liquid production data: Type-A, P. I. Gravity-Amount)
		Tbg. Pslq.	Csg. Pslq.	Temp. F	Pressure Pslq.	Diff.	MCF XXXXXX	Orifice	
12:15		860	900		Start	Test			
12:30	.15	860	900	66	218	55	380	.750	
12:45	.30	830	890	60	200	85	470	.750	
1:00	.45	815	890	58	205	85	480	.750	
1:15	1	800	850	55	210	95	510	.750	
1:30	.15	775	800	55	225	95	530	.750	
1:45	.30	770	800	52	205	95	500	.750	
2:00	.45	755	800	50	200	95	497	.750	
2:15	2	755	800	56	210	85	880	1.000	Change to 1.000 orifice
2:30	.15	700	750	52	220	92	903	1.000	
2:45	.30	660	700	52	230	88	880	1.000	
3:00	.45	625	680	52	240	85	910	1.000	
3:15	3	560	600	52	215	93	910	1.000	
3:30	.15	540	600	54	250	84	925	1.000	
3:45	.30	510	550	54	225	85	890	1.000	
4:00	.45	470	500	57	250	90	980	1.000	
4:15	4	430	500	58	250	90	980	1.000	
4:30	.15	400	450	58	250	90	980	1.000	
4:45	.30	345	400	60	250	100	1025	1.000	
5:00	.45	300	350	60	250	100	1025	1.000	
5:15	5	250	300	60	250	85	920	1.000	
5:30	.15	200	300	62	200	75	795	1.000	
5:45	.30	230	300	62	230	36	590	1.000	
6:00	.45	230	330	60	215	59	710	1.000	
6:15	6	225	330	60	225	58	715	1.000	
6:30	.15	220	330	60	220	55	710	1.000	
6:45	.30	215	330	57	215	54	708	1.000	
7:00	.45	210	330	55	210	51	632	1.000	
7:15	7	210	330	55	210	50	630	1.000	
8:15	8	220	330	55	220	43	610	1.000	
9:15	9	220	330	52	220	39	605	1.000	Made 3/4 bbl H ₂ O
10:15	10	220	330	52	215	39	600	1.000	
11:15	11	215	330	51	215	37	595	1.000	
12:15	12	215	330	51	210	36	595	1.000	
1:15	13	210	330	51	205	35	595	1.000	
2:15	14	210	330	48	210	33	530	1.000	

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Field Penjack		Reservoir Abo		Location 660 FSL 660 FEL		Unit					
Completion Date 3-18-83		Total Depth 4510'		Plug Back TD 4464'		Elevation 3690'		Farm or Lease Name Leeman Fed.			
Csg. Size 4-1/2		Wt. 10.5		Set At 4510'		Perforations: From 4256'		To 4437'		Well No. 2	
Tbg. Size 2-3/8		Wt. 4.7		Set At 4294'		Perforations: From		To		Sec. 12	
Type Completion (Describe) Single gas well					Packer Set At None		Twp - Blk T9S		Rge. - Sur. R25E		
Producing Thru		Reservoir Temp. F		Mean Annual Temp. F		Baro. Press. - P _a 13.2		State NM			
L		H		G _g		% CO ₂		% N ₂		% H ₂ S	
								Prover		Meter Run 4.025	
										Taps F1G	

Average MCFD - 676.20

KELTIC SERVICES INC

COMPANY McCLELLAN OIL CORP
LEASE LEEMAN.
FIELD PECOS SLOPE
DEPTH 4300 FEET
TUBING PRESSURE 870 PSIG
FLOW RATE 500 MSCFPD
BOMB NUMBER 792

DATE MARCH 24-26 1983
WELL NUMBER #1 2
FORMATION ABO
PRODUCTION TIME 24 HOURS
CASING PRESSURE 0 PSIG
TOTAL PRODUCTION 500 MSCF
OPERATOR CHUCK

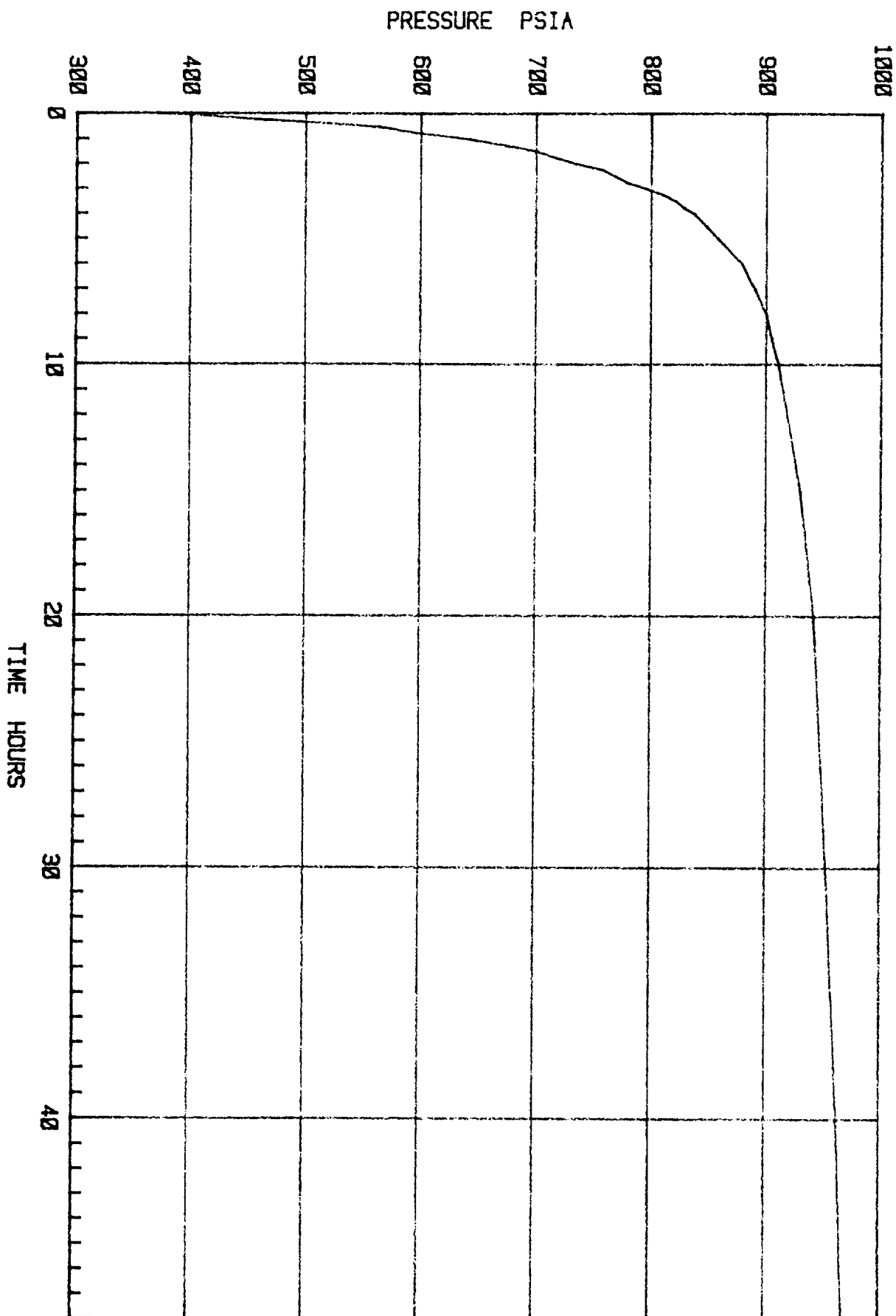
POINT	TIME HOURS	PRESSURE PSIA	T+T1/T1
1	0.00	371.20	0.0000
2	.25	464.20	97.0000
3	.50	563.20	49.0000
4	.75	596.20	33.0000
5	1.00	642.20	25.0000
6	1.25	673.20	20.2000
7	1.50	701.20	17.0000
8	1.75	716.20	14.7143
9	2.00	734.20	13.0000
10	2.25	758.20	11.6667
11	2.50	769.20	10.6000
12	2.75	779.20	9.7273
13	3.00	795.20	9.0000
14	3.25	810.20	8.3846
15	3.50	821.20	7.8571
16	3.75	828.20	7.4000
17	4.00	837.20	7.0000
18	4.50	848.20	6.3333
19	5.00	858.20	5.8000
20	6.00	879.20	5.0000
21	7.00	890.20	4.4286
22	8.00	900.20	4.0000
23	9.00	905.20	3.6667
24	10.00	911.20	3.4000
25	15.00	930.20	2.6000
26	20.00	942.20	2.2000
27	30.00	953.20	1.8000
28	40.00	963.20	1.6000
29	48.00	968.20	1.5000

THANK YOU

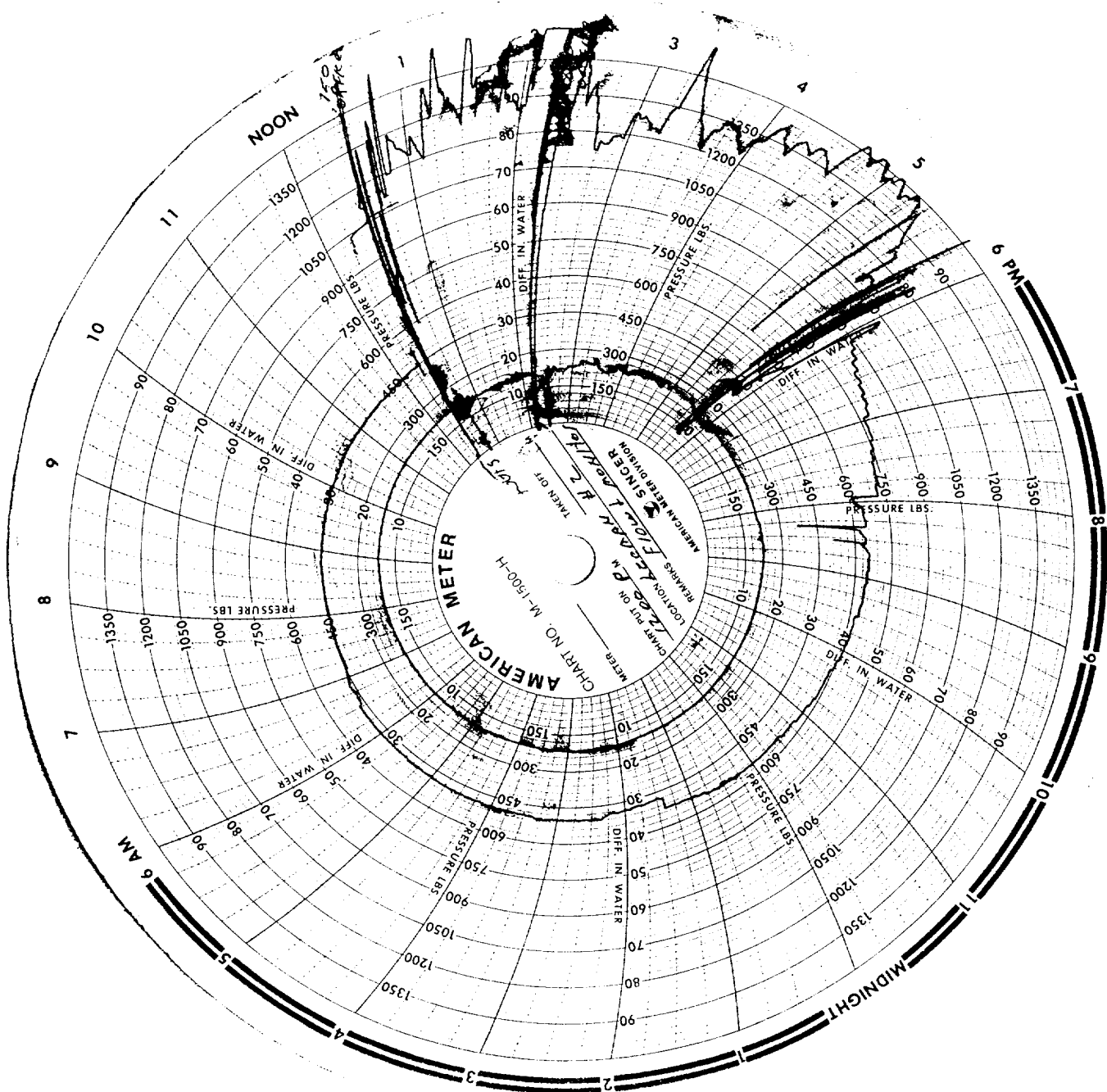
McCLELLAN OIL CORP

LEEMAN, # 2

MARCH 24-26 1983



KELTIC SERVICES





Our Interest in Measurement be our Cor

PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

Run No. 324-4

Date Run 03/24/83

Date Sampled 03/24/83

Analysis For: Keltic Services, Inc.

Lease: Leeman Federal #2

Location: Pecos Slope

Purpose: Well Test

Sampling Temp. 73 °F

Volume/day

Pressure on Bomb 225

Producer: McClellan Oil Corp.

County: Chaves State: New Mexico

Sampled By: Keltic

Atmos Temp. 66 °F

Formation: ABO

PSIG; Line Pressure PSIG

Gas Component

Analysis

Press. Base: 14.73

Mol. %

Liq. %

GPM
Per MCF

Carbon Dioxide CO₂

.105

Oxygen O₂

.109

Nitrogen N₂

6.838

Hydrogen Sulfide H₂S

Methane C₁

85.290

Ethane C₂

4.430

Propane C₃

1.712

Iso-Butane IC₄

.293

Nor-Butane NC₄

.563

Iso-Pentane IC₅

.187

Nor-Pentane NC₅

.206

Hexanes plus

.267

Hexanes C₆

Heptanes

Heptanes Plus C₇+

Total

100.000

16.606

Pentane + G.P.M.

.259

Propane + GPM

1.001

26-lb Gasoline

Ethane + GPM

2.183

BTU Dry

1045

BTU Wet

1027

Calc. Specific Gravity

.650

@ Std. Press. 14.696

BTU Dry

1042

BTU Wet

1024

Calc. Vap. Press. #/Sq.In.

Reid Vap. Press. #/Sq.In.

Z Factor

.9977

N Value

1.3063

Ave Mol Wt

18.7966

Run by JAP

Calculated By JAP

Remarks:

Distribution: