



Service Order #: 653645

Date: 3/28/2024

Well Name:	Location:	County:	St:	API#
LAND FED 30N-29HZ		WELD	CO	

Formation:	Cement Via:	Type Of Service:	Well Type/Age:	AFE#:	PO#:
	TUBING	PLUG	REWORK		

Customer: OXY

Remarks: NIO AGM 1.52 YIELD 6.22 GPS 15.8 PPG  
75 SKS 20.3 BBLS @ 7500' - 6625' ETOC  
TEMP 70.2 ^ F PH - 7 CHLORIDES OPM

Customer Rep: JOSE

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:				
Production Casing:	5.5	17	0.0	0
Intermediate:	0	0	0.0	0
Drill Pipe:	0	0	0.0	0
Tubing:	2.375	4.7		

Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				0
Open Hole:	0.0			

OTHER DATA		
BHT	Max PSI	Total Depth
	486	7,500

Packer or Retainer Type/Depth:

Perf Depths: # TotalPerf

	0	
	0	
	0	

TIME	PUMP RATES		DENSITY	PRESS	STG TOT	TOTAL	REMARKS
	WATER (gpm)	PUMP (bpm)	(lb/gal)	(psi)	(bbbls)	(bbbls)	
10:17	0	0.1	7.91	2896	19.7	74.0	PSI TEST
10:18	0	2.1	7.91	23	0.2	0.2	H2O SPACER
10:21	0	2.4	15.58	403	0.7	3.7	START CMT
10:30	0	0.9	11.00	52	20.3	23.3	END CMT START DISLACMENT
10:40	0	0.3	7.91	40	25.7	49.0	OFF LINE

## Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
2.4	3.4	3,170	148

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory  
☐ Unsatisfactory

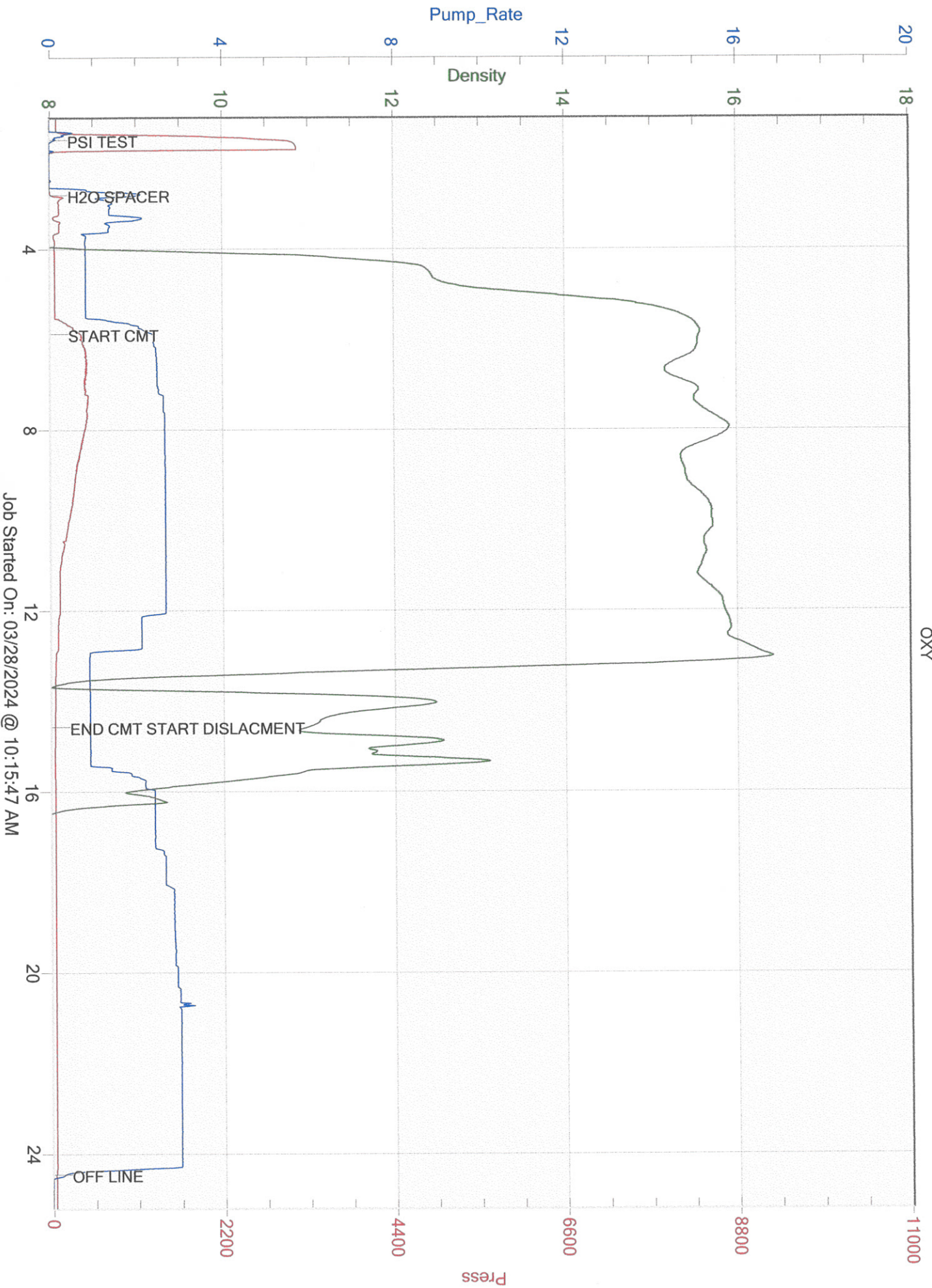
Cementer:

H CARDENAS

## PRODUCTS USED

CLASS G CMT, 35% SILICA FLOUR, .4% LATEX, .4% FLUID LOSS,  
.3% DISPERSANT, .2% RETARDER

# LAND FED 30N-29HZ OXY



Job Started On: 03/28/2024 @ 10:15:47 AM





Service Order #: 654458

Date: 3/28/2024

Well Name:	Location:	County:	St:	API#	
LAND FED 30N-29HZ		WELD	CO		
Formation:	Cement Via:	Type Of Service:	Well Type/Age:	AFE#:	PO#:
	TUBING	SQUEEZE	REWORK		

Customer: OXY

Remarks: SUSSEX AGM 1.17 YIELD 5.05 GPS 15.8 PPG  
100 SKS 20.8 BBLS @ 4680 ' - 4563 ' ETOC  
TEMP 70.1 ^ F PH 7 CHLORIDES 0 PPM

Customer Rep: JOSE

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:				
Production Casing:	5.5	17	0.0	0
Intermediate:	0	0	0.0	0
Drill Pipe:	0	0	0.0	0
Tubing:	2.375	4.7		

Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				0
Open Hole:	0.0			

OTHER DATA		
BHT	Max PSI	Total Depth
	1,440	4,680

Packer or Retainer Type/Depth:

RETAINER	4,650
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Perf Depths: # TotalPerf

4,680.0	0	
	0	
	0	

TIME	PUMP RATES		DENSITY	PRESS	STG TOT	TOTAL	REMARKS
	WATER (gpm)	PUMP (bpm)	(lb/gal)	(psi)	(bbbls)	(bbbls)	
14:12	0	0.1	7.91	4419	26.7	50.1	PSI TEST
14:14	0	1.1	7.91	1926	2.4	2.4	INJECTION TEST
14:15	0	2.6	7.91	58	2.7	2.7	H2O SPACER
14:18	66	1.9	15.50	208	0.2	6.1	START CMT
14:23	1	3.0	15.71	459	15.0	20.9	OFF LINE STING IN COUNT CMT
14:28	0	0.9	12.68	81	21.3	27.3	END CMT STAR DISPLACMENT
14:35	0	0.0	7.91	552	15.9	43.2	OFF LINE

## Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
3.0	2.3	4,454	555

Customer Acknowledgement:

Service Rating:

Cementer:

☐ Satisfactory

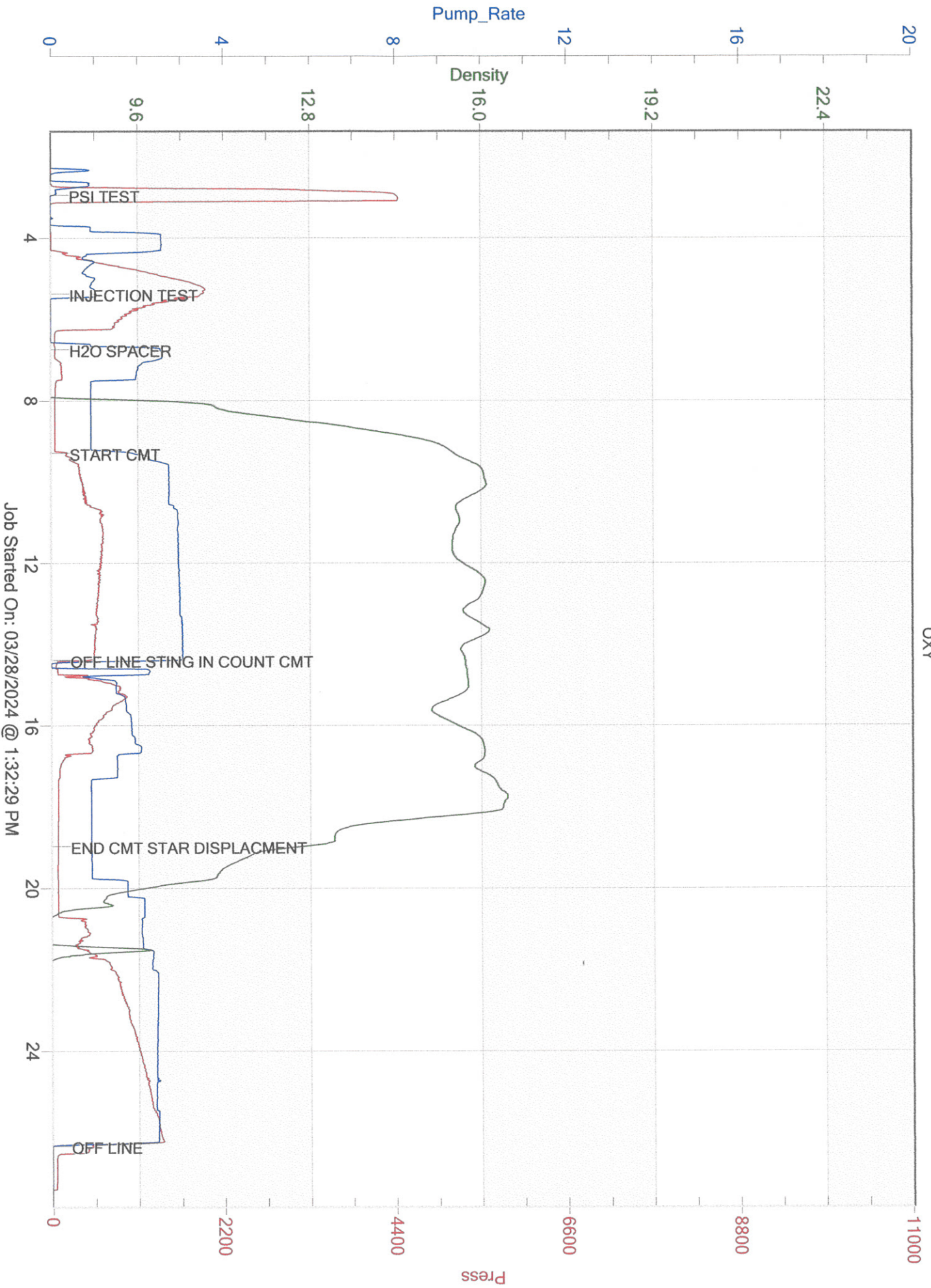
H CARDENAS

☐ Unsatisfactory

## PRODUCTS USED

CLASS G CMT, 2% GYPSUM, .4% LATEX, .3% DISPERSANT, .25% FLUID LOSS

# LAND FED 30N-29HZ OXY







Service Order #: 654996

Date: 3/28/2024

Well Name:	Location:	County:	St:	API#
LAND FED 30N-29HZ		WELD	CO	

Formation:	Cement Via:	Type Of Service:	Well Type/Age:	AFE#:	PO#:
	TUBING	SQUEEZE	REWORK		

Customer: OXY

Remarks: LOWER AGM 1.20 YIELD 5.05 GPS 15.8 PPG  
100 SKS 21.3 BBLS @ 2112' - 1993' ETOC  
TEMP 70.1 ^ F PH -7 CHLORIDES 0 PPM

Customer Rep: JOSE

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:				
Production Casing:	5.5	17	0.0	0
Intermediate:	0	0	0.0	0
Drill Pipe:	0	0	0.0	0
Tubing:	2.375	4.7		

OTHER DATA		
BHT	Max PSI	Total Depth
	1,780	2,112

Packer or Retainer Type/Depth:

RETAINER	2,082
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Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				0
Open Hole:	0.0			

Perf Depths: # TotalPerf

2,112.0		0	
		0	
		0	

TIME	PUMP RATES		DENSITY	PRESS	STG TOT	TOTAL	REMARKS
	WATER (gpm)	PUMP (bpm)	(lb/gal)	(psi)	(bbbls)	(bbbls)	
17:01	171	2.6	7.91	29	1.5	1.5	H2OM SPACER
17:05	0	1.5	15.54	254	0.1	5.5	START CMT
17:08	0	0.0	15.80	29	6.1	11.4	OFF LINE STING IN COUNT CMT
17:19	1	1.1	14.55	1259	21.5	26.9	END CMT START DISPLACEMENT
17:23	0	0.0	7.91	827	6.0	32.9	OFF LINE

## Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
2.6	1.5	1,871	1,039

Customer Acknowledgement:

Service Rating:

Cementer:

☐ Satisfactory

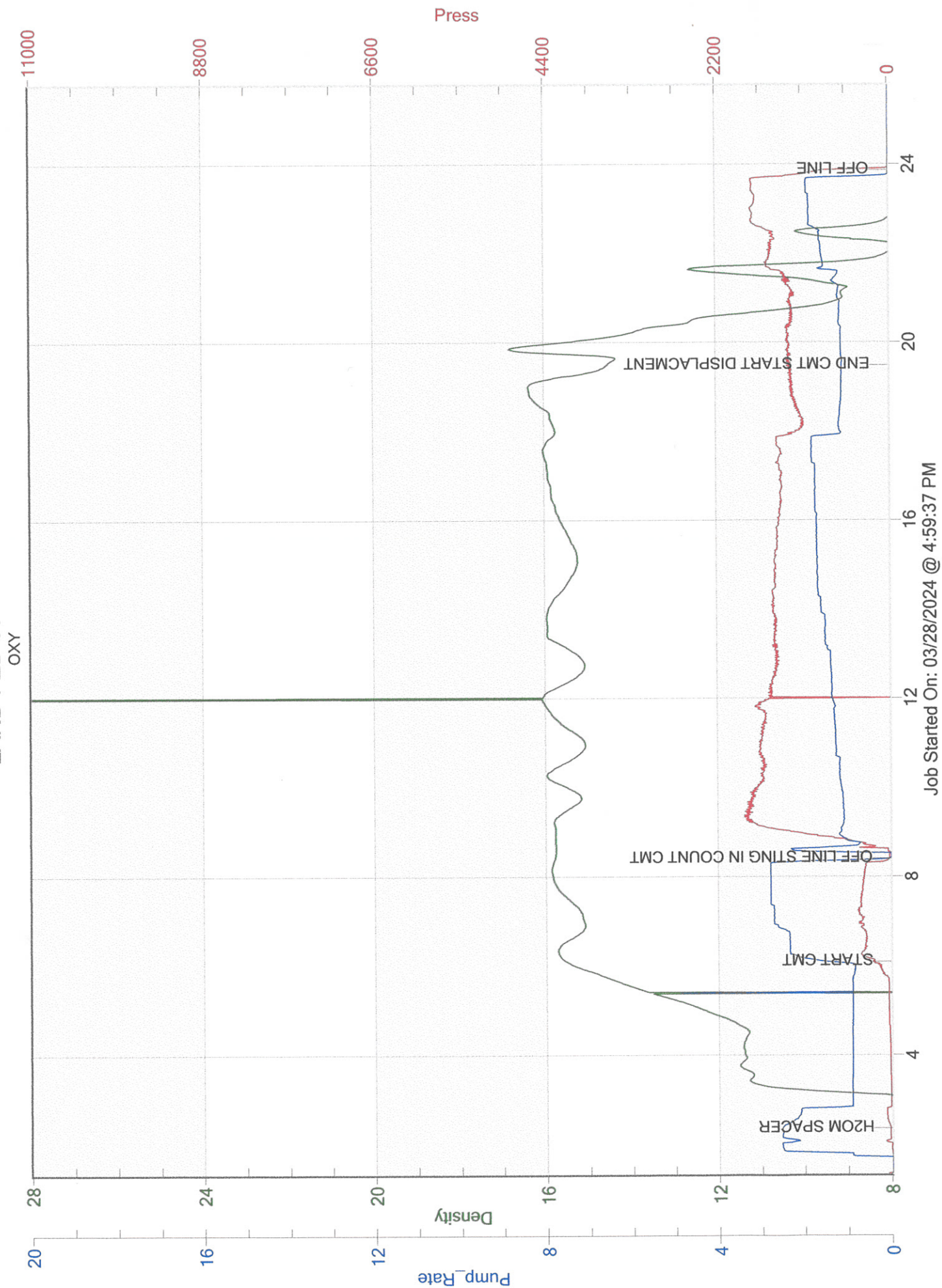
H CARDENAS

☐ Unsatisfactory

## PRODUCTS USED

CLASS G CMT 4 % GYPSUM 1 % CaCl .4 % LATEX

# LAND FED 30N-29HZ







Service Order #: 65543

Date: 3/29/2024

Well Name:	Location:	County:	St:	API#
LAND FED 30N-29HZ		WELD	CO	

Formation:	Cement Via:	Type Of Service:	Well Type/Age:	AFE#:	PO#:
	TUBING	PLUG	REWORK		

Customer: OXY

Remarks: UPPER AGM 1.21 YIELD 5.15 GPS 15.8 PPG  
40 SKS 8.6 BBLS @ 2000 ' - 1630 ' ETOC  
TEMP 71.1 ^ F PH - 7 CHLORIDES 0 PPM

Customer Rep: JOSE

PH:

## WELLBORE DATA

Type	Size	Weight	Depth	Volume
Surface Casing:				
Production Casing:	5.5	17	0.0	0
Intermediate:	0	0	0.0	0
Drill Pipe:	0	0	0.0	0
Tubing:	2.375	4.7		

## OTHER DATA

BHT	Max PSI	Total Depth
	90	2,000

Packer or Retainer Type/Depth:

Perf Depths: # TotalPerf

		0	
		0	
		0	

Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				0
Open Hole:	0.0			

TIME	PUMP RATES		DENSITY	PRESS	STG TOT	TOTAL	REMARKS
	WATER (gpm)	PUMP (bpm)	(lb/gl)	(psi)	(bbls)	(bbls)	
8:53	0	0.0	7.91	2864	9.9	36.8	PSI TEST
8:54	0	1.0	7.91	0	0.4	0.4	H2O SPACER
8:59	54	1.7	15.60	11	0.2	6.2	START CMT
9:04	0	1.2	7.94	0	8.6	14.6	END CMT START DISPLACEMENT
9:07	0	1.4	7.92	0	6.3	21.0	OFF LINE

## Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
1.7	2.0	2,899	14

Customer Acknowledgement:

Service Rating:

Cementer:

☐ Satisfactory

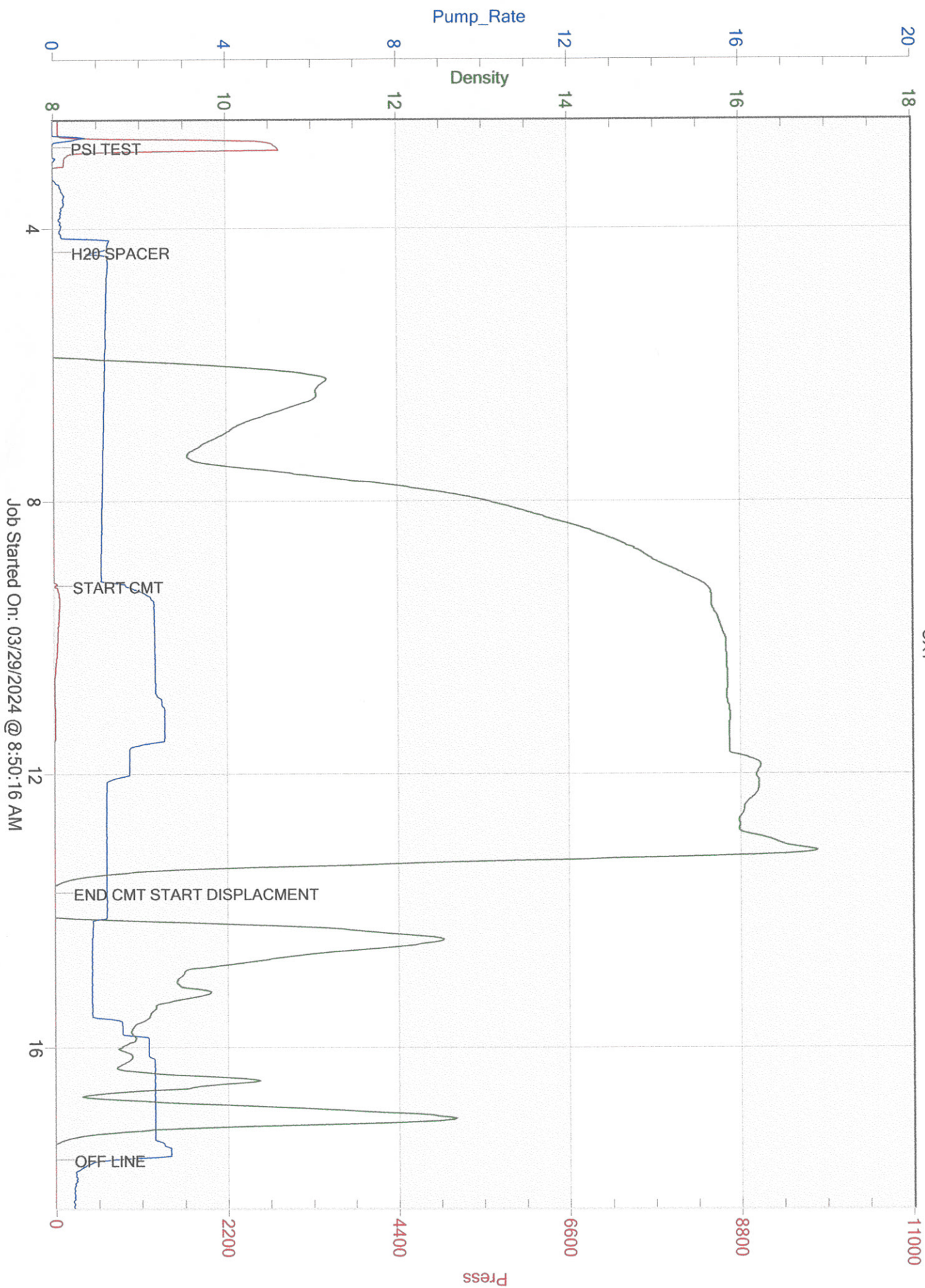
H CARDENAS

☐ Unsatisfactory

## PRODUCTS USED

CLASS G CMT 4 % GYPSUM 1.5 % CaCl .4 % LATEX

# LAND FED 30N-29HZ OXY







Service Order #: 655847

Date: 3/29/2024

Well Name:	Location:	County:	St:	API#
LAND FED 30N-29HZ		WELD	CO	

Formation:	Cement Via:	Type Of Service:	Well Type/Age:	AFE#:	PO#:
	TUBING	PLUG	REWORK		

Customer: OXY

Remarks: SURFACE AGM 1.21 YIELD 5.17 GPS 15.8 PPG  
55 SKS 12 BBLS @ 260 ' - 0 ' SURFACE  
TEMP 71.1 ^ F PH - 7 CHLORIDES 0 PPM

Customer Rep: JOSE

PH:

## WELLBORE DATA

Type	Size	Weight	Depth	Volume
Surface Casing:				
Production Casing:	5.5	17	0.0	0
Intermediate:	0	0	0.0	0
Drill Pipe:	0	0	0.0	0
Tubing:	2.375	4.7		

## OTHER DATA

BHT	Max PSI	Total Depth
	41	260

Packer or Retainer Type/Depth:

Perf Depths: # TotalPerf

	0	
	0	
	0	

Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				0
Open Hole:	0.0			

TIME	PUMP RATES		DENSITY	PRESS	STG TOT	TOTAL	REMARKS
	WATER (gpm)	PUMP (bpm)	(lb/gl)	(psi)	(bbls)	(bbls)	
14:01	0	0.0	7.91	1177	10.9	25.5	PSI TEST
14:02	0	1.2	7.91	0	0.2	0.2	H2O SPACER
14:05	58	1.8	15.81	0	0.3	3.8	START CMT
14:15	0	0.0	15.61	0	12.0	15.5	OFF LINE

## Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
1.8	2.3	1,346	8

Customer Acknowledgement:

Service Rating:

Cementer:

☐ Satisfactory

H CARDENAS

☐ Unsatisfactory

## PRODUCTS USED

CLASS G CMT, 4% GYPSUM, 2% CaCl, .4% LATEX

# LAND FED 30N-29HZ OXY

