

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with

SIDE TWO

Operator Name

BLOOMER WELL SERVICE

Base Name

MASSENGALE

Well#

5

SEC

8

TWP.

16

RGE.

21

☒ East
☐ West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken

☐ Yes☒ No

Samples Sent to Geological Survey

☐ Yes☒ No

Cores Taken

☒ Yes☐ No

Formation Description

☒ Log☐ Sample

Name

Top

Bottom

SEE ATTACHED SHEETS

Base of hertha 378'

TUBING RECORD		size <u>1"</u>	set at	packer at	Liner Run	☐ Yes	☒ No
Date of First Production	Producing method ☐ flowing ☒ pumping ☐ gas lift ☐ Other (explain)						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	<u>1-2</u> Bbls	MCF	Bbls	CFPB			

Position of gas: ☒ vented

METHOD OF COMPLETION

PRODUCTION INTERVAL

CASING RECORD							
☒ new ☐ used							
Report all strings set - conductor, surface, intermediate, production, etc.							
Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
SURFACE PRODUCTION		6 5/8 2 7/8		21' 645'	portland portland		
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)		Depth	

8-16-215

Reusch Well Service, Inc.
401 S. Main, Suite 11
Ottawa, KS 66067

WELL LOG
Massengale #5
Bloomer Well Service 7/5/87 - 7/10/87

Thickness of Strata	Formation	Total
10	Soil & Clay	10
17	Lime	27
7	Shale	34
10	Lime	44
6	Shale	50
17	Lime	67
8	Shale	75
2	Red Bed	77
31	Shale	108
23	Lime	131
69	Shale	200
23	Lime	223
24	Shale	247
7	Lime	254
23	Shale	277
4	Lime	281
10	Shale	291
2	Lime	293
17	Shale	310
23	Lime	333
7	Shale	340
23	Lime	363
4	Shale	367
11	Lime	378 Hertha
32	Shale	410
6	Sandstone	416
7	Shale	423
8	Sandstone	431
97	Shale	528
6	Lime	534
10	Shale & Lime	544
31	Shale	575
3	Coal	578
2	Shale	580
4	Lime	584
5	Shale & Lime	589
10	Shale	599
5	Lime	604
3	Bl. Slate	607
9	Shale g	616
2	Lime	618
4	Shale	622
2	Lime	624
10	Shale	634
4	Lime	638 Cir

8-16-21F.

Messengale #5 cont.

2	W. Shale	640 Cir
2	W Shale	642 Cir
1	W Shale	643 Cir
1	Oil Sand	644 cir
2	Broken Sand	646
3	Oil Sand	649
3	Broken Sand	652
10	Shale	662 T.D.

Open hole completion

Seating nipple is at 644.00' with 645.00 feet pipe
Set 20' surface casing

First Squirrel core started at 644'

1	12:42 - 12:44	2 min.	645
2	12:44 - 12:47	3 min.	646
3	12:47 - 12:50	3 min.	647
4	12:50 - 12:52	2 min.	648
5	12:52 - 12:54	2 min.	649
6	12:54 - 12:57	3 min.	650
7	12:57 - 12:59	2 min.	651
8	12:59 - 1:02	3 min.	652
9	1:02 - 1:06	4 min.	653
10	1:06 - 1:09	3 min.	654
11	1:09 - 1:13	4 min.	655
12	1:13 - 1:17	4 min.	656
13	1:17 - 1:21	4 min.	657
14	1:21 - 1:25	4 min.	658
15	1:25 - 1:29	4 min.	659
16	1:29 - 1:34	5 min.	660
17	1:34 - 1:39	5 min.	661
18	1:39 - 1:43	4 min.	662

STATE OF TEXAS
COUNTY OF DALLAS

SEP 21 1987