

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

August 4, 1987

Enron Oil and Gas Company
P.O. Box 2267
Midland, TX 79702

Attention: Betty Gildon

Administrative Order TX-182

Gentlemen:

Reference is made to your request for an exception to the tubing setting requirements as contained in Division Rule 107(d)(3) for the below-named well.

Pursuant to the authority granted me by Rule 107(d)(4), you are hereby authorized to set tubing at 13,048 feet in the following well:

WELL NAME AND NUMBER: Page 3 Com. Well No. 2

LOCATION: Unit C, Sec 3, T-25-S, R-34-E, NMPM, Lea County, New Mexico.

The Division reserves the right to rescind this authority in the event that waste appears to be resulting therefrom.

Very truly yours,

A handwritten signature in dark ink, appearing to read "William J. Lemay", written over a horizontal line.

WILLIAM J. LEMAY
Director

WJI./REJ/ag

cc: Oil Conservation Division - Hobbs

PV2V2005151556

ENRON

Oil & Gas Company

RECEIVED
JUL 27 1987

P. O. Box 2267 Midland, Texas 79702 (915) 686-3600

July 24, 1987

July 24, 1987

OIL CONSERVATION DIVISION
SANTA FE

Page 3 Cop. 2

Mr. William J. LeMay
Division Director
Oil Conservation Division

P. O. Box 2088
State Land Office Bldg.
Santa Fe, NM 87501

There are several reasons why we feel that completions utilizing a IW
Goldberg Bone Recentering or LeMay Seal Assembly is the most advantageous
Attn: Mr. William J. LeMay
Division Director

1. The inside diameter of the Seal Assembly is the same as
the diameter of the liner. Therefore, there is no
restriction that would prevent the use of wireline tools
that could be run to the bottom.
In Re: Page 3 Com, #2
Sec. 3, T25S, R34E
Lea County, NM
Fee Lease

Dear Mr. LeMay

The Polish Bone Recentering or LeMay Seal Assembly opening to
the liner below it. This allows us to run bridge plugs,
packers, or bits into the liner if necessary.
Tubing for the above-named well has been set at 13,048 feet,
and casing perforated from 14,006 to 14,014 feet.
The Seal Assembly - The Bone Recentering allows for tubing movement
while treating the well. It will withstand higher
This office requests administrative exception to Rule 107d.
or packers during stimulation than would be possible
with most other production packers.

Very truly yours,

ENRON OIL & GAS COMPANY

Betty Gildon
Regulatory Analyst

Regulatory Analyst

Enclosure
BG
Assent

enclosures

We feel that this is a very important and timely matter. It is a matter of
time and money for the State of New Mexico. The State of New Mexico
the several hundred wells in the State of New Mexico. The State of New Mexico
this system will be a very important and timely matter. It is a matter of
time and money for the State of New Mexico.

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Page 3 Com.

9. Well No.

2

10. Field and Pool, or Wildcat

Pitchfork Ranch Atoka

12. County

Lea

10. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

DRY ☐

OTHER

b. TYPE OF COMPLETION

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

OTHER

2. Name of Operator

Enron Oil & Gas Company

3. Address of Operator

P. O. Box 2267, Midland, Texas 79702

4. Location of Well

UNIT LETTER C LOCATED 660 FEET FROM THE north LINE AND 2080 FEET FROM

THE west LINE OF SEC. 3 TWP. 25S RGE. 34E NMPM

15. Date Spudded

5-17-87

16. Date T.D. Reached

7-6-87

17. Date Compl. (Ready to Prod.)

7-16-87

18. Elevations (DF, RKB, RT, GR, etc.)

3366.3' GR

19. Elev. Casinghead

3366.3'

20. Total Depth

14,110'

21. Plug Back T.D.

14,043'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

X

24. Producing Interval(s), of this completion - Top, Bottom, Name

14,006 - 14,014 (Atoka)

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

CNL/LDT, DLL, DIL

27. Was Well Cored

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11-3/4"	42 & 54	610'	14-3/4"	250 lite & 165 C1 C	Circulated
8-5/8"	32 & 24	5190'	10-5/8"	1350 DL III & 275 C1 C	Circulated
5-1/2"	17 & 20	13300'	7-7/8"	950 DL III & 450 C1 C	-

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
3-1/2"	12,985'	14,110'	150 C1 H	-

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	13,048	PBR 13,048

31. Perforation Record (Interval, size and number)

14,006 - 14,014 (.41" 14)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
14006-14014	None

33. PRODUCTION

Date First Production 7/16/87		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Shut-in	
Date of Test 7/17/87	Hours Tested 24	Choke Size 21/64"	Prod'n. For Test Period →	Oil - Bbl. 29	Gas - MCF 938	Water - Bbl. 0	Gas - Oil Ratio 32
Flow Tubing Press. 990	Casing Pressure Sealed	Calculated 24- Hour Rate →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.) 44.9	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By

35. List of Attachments

Logs, Inclination Report to follow.

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Betty Gildon Betty Gildon

TITLE Regulatory Analyst

DATE 7/24/87

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Cherry _____ 6294	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____ 13644	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka _____ 13780	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Atoka Sand _____ 14006	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	T. Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinzbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____ 5312	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____ 9250	T. Wingate _____	T. _____
T. Wolfcamp _____ 12251	T. 2nd BS Sand _____ 10820	T. Chinle _____	T. _____
T. Leonard Sh _____ 9110	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from Atoka 14006 to 14014	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None to _____ feet	_____
No. 2, from _____ to _____ feet	_____
No. 3, from _____ to _____ feet	_____
No. 4, from _____ to _____ feet	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1015	1015	Surface Rock & Red Beds	11940	12273	333	Lime, Sand, Shale
1015	2650	1635	Anhydrite	12273	13095	822	Lm, Sh
2650	3695	1045	Salt, Anhy	13095	13606	511	Sh
3695	4683	988	Anhy	13606	13703	97	Sh, Lm
4683	5090	407	Salt, Anhy	13703	13782	79	Chert, Lm, Sh
5090	6175	1085	Anhy	13782	13897	115	Lm
6175	8325	2150	Sand	13897	13990	93	Lm, Sh
8325	8670	345	Sd, Shale	13990	14009	19	Lm,
8670	9130	460	Sd, Lime, Sh	14009	14015	6	Lm, Sd, Sh
9130	9675	545	Sd	14015	14070	55	Sh
9675	11576	1901	Sh, Lm	14070	14099	29	Lm
11576	11940	364	Lm	14099	14110	11	Lm, Sh