



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO  
SANTA FE, NEW MEXICO 87505  
(505) 827-7131

August 12, 1996

Enron Oil & Gas Company  
P. O. Box 2267  
Midland, TX 79702  
Attention: Betty Gildon

Administrative Order TX-245

Dear Ms. Gildon:

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 make a tubingless completion in the following well:

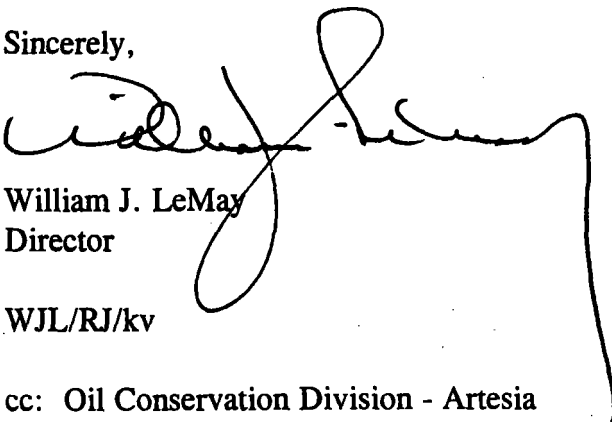
Well Name and Number: James Ranch Unit Well No. 73

Location: Section 5, Township 23 South, Range 31 East, NMPM,  
Eddy County, New Mexico

Remarks: When well ceases to flow production tubing will be required.

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

Sincerely,



William J. LeMay  
Director

WJL/RJ/kv

cc: Oil Conservation Division - Artesia

PV2V2005631079

**ENRON**  
**Oil & Gas Company**

OIL CONSERVATION DIVISION  
RECEIVED

'96 AUG 19 AM 8 52

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

August 16, 1996

State of New Mexico  
Oil Conservation Division  
Energy, Minerals & Natural Resources Dept.  
2040 S. Pacheco  
Santa Fe, NM 87505

Attn: William J. LeMay  
Director

In Re: Administrative Order TX-245  
James Ranch Unit Well No. 73  
Sec 5, T23S, R31E  
Eddy County, NM

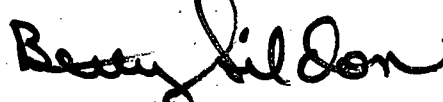
Dear Mr. LeMay:

Sorry for any inconvenience, however, we did run tubing in this well on Sunday, August 4th. I called your office to try and have the application for tubing exception tossed, but with all the paperwork we all deal with these days, I guess my message got lost in the shuffle.

Again, sorry if this mixup caused you any problems.

Very truly yours,

ENRON OIL & GAS COMPANY



Betty Gildon  
Regulatory Analyst

bg



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OIL CONSERVATION DIVISION

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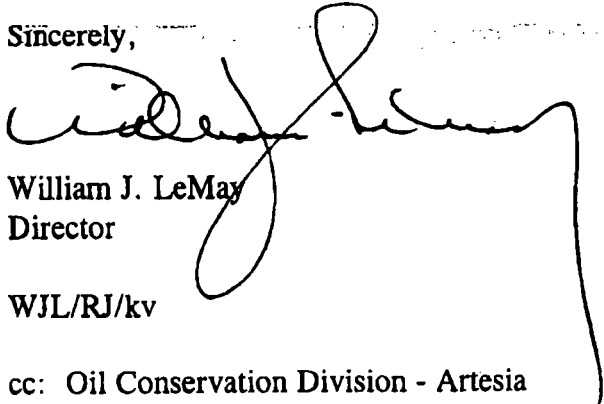
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Director

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cc: Oil Conservation Division - Artesia

**CONFIDENTIAL**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 23, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM 02887-D

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

James Ranch Unit #73

9. API WELL NO.

30 015 28979

10. FIELD AND POOL OR WILDCAT

Los Medanos Wolfcamp

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 6, T23S, R31E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

12. TYPE OF WELL:

OIL

WELL

☒

GAS

WELL

☐

DRY

☐

Other:

13. TYPE OF COMPLETION:

NEW

WELL

☒

WORK

OVER

☐

DEEP

EN

☐

PLUG

BACK

☐

DIFF.

REMYR.

☐

Other:

2. NAME OF OPERATOR

Enron Oil &amp; Gas Company

3. ADDRESS AND TELEPHONE NO.

P. O. Box 2267, Midland, Texas 79702 (915) 686-3714

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

330' FNL &amp; 1980' FWL

At top prod. interval reported below

330' FNL &amp; 1980' FWL

At total depth

330' FNL &amp; 1980' FWL

14. PERMIT NO.

-

DATE ISSUED

4-23-96

15. DATE STUDDER

6-29-96

16. DATE T.D. REACHED

7-14-96

17. DATE COMPL. (Ready to prod.)

7-30-96

18. ELEVATIONS (OF, RKB, RT, CR, ETC.)\*

3313' GR

19. ELEV. CASING HEAD

B313'

20. TOTAL DEPTH, MD &amp; TVD

11331

21. PLUG, BACK T.D., MD &amp; TVD

11248

22. IF MULTIPLE COMPL., HOW MANY\*

1

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

11166-11174 (Wolfcamp)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-HRI-DFL, GR-DSN-SDL

27. WAS WELL CORRED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
11-3/4 H-40 ST&C	40.6	563	17-1/2	310 sx Prem	Circulated
8-5/8 J-55 ST&C	32	3825	12-1/4	1075 sx Prem Plus	Circulated
5-1/2 CF-95 &	17	11331	7-7/8	1000 sx Prem 50/50 poz	TOC 3125
P-110 LT&C					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	11102	

31. PERFORATION RECORD (Interval, size and number)

11166-11174 (.40" 33)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11166-11174	3639 gals linear gel, 1008 gals 7-1/2% HCl, 38,556 gals SFG 3000, 39,480 gals SFG 3500, 241,760# 20/40 Ottawa & 48,000# 20/40 SB

33. PRODUCTION

DATE FIRST PRODUCTION 7-31-96		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8/10/96	HOURS TESTED 24	CHOKE SIZE 28/64	PROD'N. FOR TEST PERIOD →	OIL—BSL. 92	GAS—MCF. 73	WATER—BSL. 50	GAS-OIL RATIO 793
FLOW, TUBING PRESS. 80	CASING PRESSURE 1450	CALCULATED 24-HOUR RATE →	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL CREATIVITY-API (CORR.) 39.8	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Betty Gildon TITLE Regulatory Analyst

DATE 8/16/96

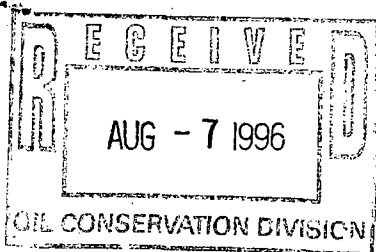
\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
	0	3485	Anhydrite, Salt			
Delaware	3485	3954	Lime, Snhydrite	Delaware	3915	
	3954	5488	Sand	Bone Spring	7748	
	5488	6725	Sand, Lime	Wolfcamp	11100	
	6725	7682	Limestone, Shale, Sand			
Delaware &	7682	9104	Lime, Shale			
Bone Spring	9104	9734	Shale			
	9734	11110	Lime, Shale			
Wolfcamp	11110	11331	Shale			



# ENRON

## Oil & Gas Company

P. O. Box 2267 Midland, Texas 79702 August 3, 1996 (915) 686-3600

Mr. William J. LeMay, Director  
New Mexico Oil Conservation Commission  
2040 S. Pacheco St  
Santa Fe, New Mexico 87505-5472

Re: James Ranch Unit No. 73  
Sec 5, T23Sm R31E  
Los Medanos Field  
Eddy County, New Mexico

Dear Mr. LeMay:

Enron Oil & Gas respectfully requests your approval to complete and produce the above-referenced well from the Wolfcamp formation ( perforations 11166-11174) without the use of production tubing . The referenced well contains the following tubulars:

<u>CASING</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>TOP OF CEMENT</u>
11-3/4"	H-40	563	Circulated
8-5/8"	J-55	3825	Circulated
5-1/2"	CF-95/P-110	11331	3125

The well was fracture treated via the 5-1/2" production casing and has been allowed to flowback through that casing to achieve faster cleanup and to minimize the risk of formation damage. Our plans are to install 2-7/8" production tubing when the well ceases to flow, which should occur within the first year or two of production.

We believe this "tubingless" completion technique is completely safe and effective for the following reasons:

- The well is in a known producing field
- No corrosive or pressure problems are know to exist
- The well is a single completion
- The 5-1/2" production string has been cemented into the base of the 8-5/8" casing
- The 5-1/2" is very high strength casing
- The stabilized after-frac flowing tubing pressures are low (less than 1,000 psig)
- The technique lowers the cost of the completion, thereby improving the economics of the project

Thank you for your consideration of this request. If you need additional information, please contact me.

Sincerely,

Betty A. Gildon

Regulatory Analyst

cc: NMOCD-HOBBS

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