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

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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cc: Oil Conservation Division - Artesia

CONFIDENTIAL

Form 3160-4 (July 1992)

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 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM 02887-D

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

1a. TYPE OF WELL: OIL WELL XX GAS WELL ☐ DRY ☐ Other:

b. TYPE OF COMPLETION: NEW WELL XXX WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other:

8. FARM OR LEASE NAME, WELL NO.: James Ranch Unit #73

2. NAME OF OPERATOR: Enron Oil & Gas Company

9. API WELL NO.: 30 015 28979

3. ADDRESS AND TELEPHONE NO.: P. O. Box 2267, Midland, Texas 79702 (915) 686-3714

10. FIELD AND POOL, OR WILDCAT: Los Medanos Wolfcamp

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 330' FNL & 1980' FWL
At top prod. interval reported below: 330' FNL & 1980' FWL
At total depth: 330' FNL & 1980' FWL

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec 6, T23S, R31E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
-	4-23-96	Eddy	NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
6-29-96	7-14-96	7-30-96	3313' GR	3313'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
11331	11248		→	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 CORED: 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 & P-110 LT&C	17	11331	7-7/8	1000 sx Prem 50/50 poz	TOC 3125

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

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 Ultra sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
7-31-96	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8/10/96	24	28/64		92	73	50	793

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
80	1450					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 Betty Gildon TITLE Regulatory Analyst DATE 8/16/96

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
	0	3485	Anhydrite, Salt
Delaware	3485	3954	Lime, Snhydrite
	3954	5488	Sand
	5488	6725	Sand, Lime
	6725	7682	Limestone, Shale, Sand
Delaware &	7682	9104	Lime, Shale
Bone Spring	9104	9734	Shale
	9734	11110	Lime, Shale
Wolfcamp	11110	11331	Shale

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	3915	
Bone Spring	7748	
Wolfcamp	11100	

U.S. GOVERNMENT PRINTING OFFICE: 1993 774-622

ENRON
Oil & Gas Company

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

August 5, 1996

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:

CASING	GRADE	DEPTH	TOP OF CEMENT
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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