

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

December 2, 1996

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

Administrative Order TX-255

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:

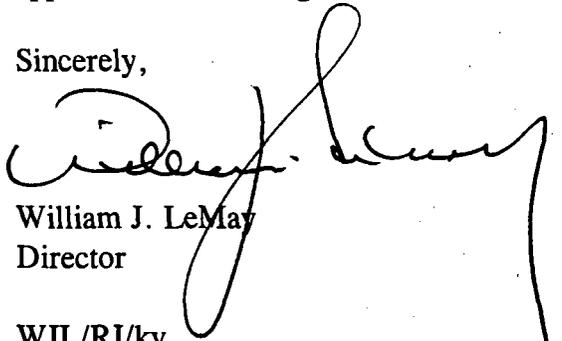
Well Name and Number: James Ranch Unit Well No. 76

Location: Unit E, Section 6, 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

PVZV2005632134

CONSERVATION DIVISION
RECEIVED

96 NOV 14 AM 8 52

ENRON
Oil & Gas Company

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

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

November 14, 1996

Re: James Ranch Unit No. 76
Sec 6, T23S, R31E
South Los Medanos Field
Lea 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 11122 - 11137) 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	582	Circulated
8-5/8"	J-55	3724	Circulated
5-1/2"	CF-95/P-110	11250	3150

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.

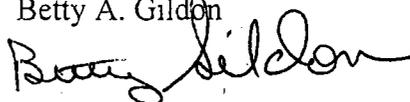
We believe this "tubingless" completion technique is completely safe and effective for the following reasons:

- 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

N:\ray\Rli0166.doc

**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*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		8. FARM OR LEASE NAME, WELL NO. James Ranch Unit 76	
2. NAME OF OPERATOR Enron Oil & Gas Company		9. API WELL NO. 30 015 29173	
3. ADDRESS AND TELEPHONE NO. P.O. Box 2267 Midland, TX 79702 915/686-3714		10. FIELD AND POOL, OR WILDCAT South Los Medanos (Wolfcamp)	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1900' FNL & 360' FWL At top prod. interval reported below Same At total depth Same		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 6, T23S, R31E	
14. PERMIT NO.		DATE ISSUED 9/9/96	
15. DATE SPUDDED 9/29/96		16. DATE T.D. REACHED 10/12/96	
17. DATE COMPL. (Ready to prod.) 10/23/96		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3299' GR	
19. ELEV. CASINGHEAD 3299'		12. COUNTY OR PARISH Eddy	
13. STATE New Mexico		20. TOTAL DEPTH, MD & TVD 11250	
21. PLUG, BACK T.D., MD & TVD 11224		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY		ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 11122' - 11137 (Wolfcamp)		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DILL, SDL-DSN		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	42#	582'	14-3/4"	310 sx PP "C"	Circulated
8-5/8" J-55	32#	3724'	11"	800 sx 50/50 Poz A & 175 PP	Circulated
5-1/2" CF-95 & P-110	17#	11250	7-7/8"	385 Prem & 975 Prem 50/50 poz	TOC 3150' TS

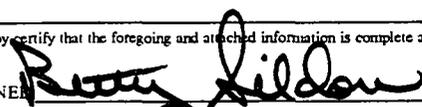
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					None		

31. PERFORATION RECORD (Interval, size and number) 11122 to 11137 (.36" 60)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
11122 to 11137		61,000 gals Medallion frac 3000 w/151,000# 16/30 AC Frac Black	

33.* PRODUCTION							
DATE FIRST PRODUCTION 10/25/96		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 10/29/96	HOURS TESTED 24	CHOKE SIZE 16/64"	PROD'N. FOR TEST PERIOD →	OIL - BBL 81	GAS - MCF. 162	WATER - BBL 27	GAS - OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE 340	CALCULATED 24-HOUR RATE →	OIL - BBL	GAS - MCF.	WATER - BBL	OIL GRAVITY - API (CORR.) 38.5	

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		
SIGNER 	TITLE Regulatory Analyst	DATE 11/14/96

*(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	595	Redbed	Delaware Mt Grp	3902	
	595	1800	Salt	Bone Spring	7702	
	1800	3724	Anhy. Salt, Dolo	Wolfcamp	11018	
Dela Mt Grp & BS	3724	7475	Sand, Shale			
Bone Spring	7475	9550	Lime, Shale			
BS & Wlfcamp	9550	11250	Lime, Shale, Sand			