Form 3160-4
(November 1983)
(formerly -330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE (See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR
o Producing Company

CONFIDENTIAL

3. ADDRESS OF OPERATOR
O. Box 10340, Midland, TX 79702

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
surface 480' FNL & 330' FWL, Section 18, T22S, R32E
top prod. interval reported below Same
total depth Same

5. LEASE DESIGNATION AND SERIAL NO.: NM-90588
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Livingston Ridge 18 Fed.
9. WELL NO.: 3
10. FIELD AND POOL, OR WILDCAT: Undes E. Livingston Ridge
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 18, T22S, R32E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
	11/29/93	Lea	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
12/5/93	12/18/93	12/29/93	3632.4'	3631.4'

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
8600'	7978'	---	→	0'-8600'	---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7758'-7774' Brushy Canyon (MD & TVD)

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL-CNL-CBL

27. WAS WELL CORED: No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	54.5	755'	17-1/2	950 sx - circ 200 sx	
8-5/8	24# & 32#	4428'	11	1825 sx - circ 30 sx	
5-1/2	15.5# & 17#	8600'	7-7/8	1175 sx - TOC @ 3150'	

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	7636'	

31. PERFORATION RECORD (*Interval, size and number*)
7758'-77774' (33 - .50" dia holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7758'-7774'	Acdz w/ 1000 gals 7-1/2% HCl
	Frac w/ 5000 gals X/L gel
	w/ 10,500# 16/30 sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
1/1/94	Pumping	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/13/94	24	---		47	20	204	426:1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
---	---		47	20	204	35.2

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

TEST WITNESSED BY: Stan Morgan

35. LIST OF ATTACHMENTS
Logs, C-104, Sundries, Deviation Survey

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

SIGNED [signature] TITLE Senior Operations Engineer DATE February 18, 1994

*(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.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Basal Anhydrite	4268 log	
Delaware Lime	4566 log	
Bell Canyon	4638 log	
Cherry Canyon	5460 log	
Brushy Canyon	6740 log	
Bone Spring	8498 log	