

TIGHT HOLE

Form 3160

(July 1989)

(Formerly 7-330)

CONFIDENTIAL

UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTCONTACT RECEIVING
OFFICE FOR NUMBER
OF COPIES REQUIRED(See other in-
structions on
reverse side)BLM Roswell District
Modified Form No.
NM60-3160-3

5. LEASE DESIGNATION AND SERIAL NO.

NM-77058

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cercion Federal

9. WELL NO.

#5

10. FIELD AND POOL, OR WILDCAT East
Livingston Ridge Delaware11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Section 21-22S-32E

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other

2. NAME OF OPERATOR

Strata Production Company

3a. Area Code & Phone No.

505-622-1127

3. ADDRESS OF OPERATOR

P. O. Box 1030, Roswell, New Mexico 88202-1030

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

At surface

330' FNL & 330' FEL

At top prod. interval reported below

At total depth

9a. API Well No.

30-025-31849

14. PERMIT NO.

DATE ISSUED

15. DATE SPEDDED

2/2/93

16. DATE T.D. REACHED

2/17/93

17. DATE COMPL. (Ready to prod.)

3/11/93

18. ELEVATIONS (OP. RKB, RT, GR, ETC.)*

3695' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8770'

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

8735'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Grace

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

7446'-7374'; 7264'-7272'; 7140'-7152' Delaware

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL; DLL/MSFL

27. WAS WELL CORED

Sidewall

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"	H-40 48#	605'	17 1/2"	350 HL; 200 Class "C"	Circulated
8 5/8"	J-55 24#&32#	4465'	12 1/4"	900 HL; 800 Class "C"	Circulated
5 1/2"	L-80 17#	8770'	7 7/8"	660 50/50 Poz; 475 Class "C" Neat.	Tie back to intermediate

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"	7650'	No
DV Tool	6218'	

31. PERFORATION RECORD (Interval, size and number)

7446'-7374' (33) .42 holes
 7264'-7272' (17) .42 holes
 7140'-7152' (14) .42 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7446'-7374'	3000 gal 7 1/2% NEFE
7264'-7272'	1500 gal 7 1/2% NEFE; Frac 1700# 16/30
7140'-7152'	1500 gal 7 1/2% NEFE

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)	
3/20/93		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO	
3/20/93	24	-0-	→	44	29	136	659/1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)		
-0-	25#	→	44	29	136	37.5		

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

Sold

35. LIST OF ATTACHMENTS

CNL; DLL/MSFL; Deviation Survey

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

SIGNED

Carol J. Davis

TITLE Production Supervisor

DATE

4/8/93

CARLSBAD, NEW MEXICO

*(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.

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	880'	4730'	Salt and Anhydrite			
Lamar	4730'	4800'	Limestone			
Delaware	4800'	5770'	Sandstone			
Cherry Canyon	5770'	6905'	Sandstone			
Brushy Canyon	6905'	8684'	Sandstone			
Bone Spring	8684'	TD	Limestone			

38. GEOLOGIC MARKERS