

Form 3160-4
(July 1989)
(formerly 2-330)

TIGHT HOLE
CONFIDENTIAL
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N. M. OIL CONS. COMMISSION
P. O. BOX 1980
HOBBS, NEW MEXICO 88240
CONTACT RECEIVING
OFFICE FOR NUMBER
OF COPIES REQUIRED

BLM Roswell District
Modified Form No.
NM60-3160-3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESRV. ☐ 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

1650' FNL & 1980' FWL

At top prod. interval reported below

At total depth

9a. API Well No.

30-025-31726

14. PERMIT NO.

DATE ISSUED

15. DATE SPEUDED

1/17/93

16. DATE T.D. REACHED

2/2/93

17. DATE COMPL. (Ready to prod.)

3/4/93

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

3695' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8750'

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

8710'

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)*

7174' - 7176'; 7131' - 7146' Delaware

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL; DLL/MSFL; LSS/DWF; ABL; CBL; CEL

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#	604'	17 1/2"	300 Hallite; 200 Class "C"	Circulated
8 5/8"	J-55 24#&32#	4473'	12 1/4"	1500 Hallite; 200 Class "C"	Circulated
5 1/2"	17#	8750'	7 7/8"	Stg 1 600 50/50 Poz; Stg 2 300 Hallite; 100 Class "C"	Tie back to intermediate

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	8400'	None
					DV Tool	6210'	

31. PERFORATION RECORD (Interval, size and number)

8489'-8541' (14) .42 holes CIBP at 8450'

7174'-7176' (5) .42 holes

7131'-7146' (10) .42 holes

6836'-6842.5' (14) .42 holes Squeeze off

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8489'-8541'	850 gal 7 1/2% NEFE
7174'-7176'	750 gal 7 1/2% NEFE; Frac 9000# 16/30
7131'-7146'	750 gal 7 1/2% NEFE
6836'-6842.5'	1000 gal 7 1/2% NEFE; Frac 16314# 16/30

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)	
3/12/93		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO	
3/14/93	24	-0-	→	91	45	131	494/1	
FLOW. TUBING PRBS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)		
-0-	35#	→	91	45	131	37.6		

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

Sold

35. LIST OF ATTACHMENTS

Deviation Survey; CNL; DLL/MSFL

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

SIGNED

Carol J. Garcia

TITLE

Production Supervisor
CARLSBAD, NEW MEXICO

DATE

4/7/93

*(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 or to furnish any false, fictitious or fraudulent information.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	882'	4721'	Salt and Anhydrite			
Delaware Lamar	4721'	5790'	Limestone and Sandstone			
Cherry Canyon	5790'	6870'	Sandstone			
Brushy Canyon	6870'	8714'	Sandstone			
Bone Spring	8714'	TD	Limestone			

WELL NAME & NUMBER Cercion Fed. #4

LOCATION Sec. 18, Blk. A, PSL
(Give Unit, Section, Township and Range)
Strata Production P.O. Box 1030, Roswell, N.M. 88202

OPERATOR _____

DRILLING CONTRACTOR GRACE DRILLING COMPANY P.O. BOX 13480 ODESSA, TX. 79768

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>
0.50 433	_____	_____	_____
0.50 921	_____	_____	_____
0.75 1380	_____	_____	_____
1.75 1630	_____	_____	_____
1.75 2111	_____	_____	_____
1.75 2237	_____	_____	_____
2.25 2489	_____	_____	_____
2.25 2740	_____	_____	_____
1.50 2996	_____	_____	_____
1.25 3245	_____	_____	_____
1.25 3716	_____	_____	_____
1.25 4155	_____	_____	_____
1.50 4602	_____	_____	_____
1.75 5041	_____	_____	_____
1.00 5334	_____	_____	_____

Drilling Contractor GRACE DRILLING COMPANY

By _____

L. V. BOHANNON, DRLG. SUPT.

Subscribed and sworn to before me this 23 day of February, 19 93

Joann McMahon
Notary Public

My Commission Expires _____

Ector County TX

