

N.M. OIL CONS. COMMISSION
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

P.O. BOX 19

HABBS, NEW MEXICO

88240

FOR APPROVED
OMB NO. 1004-0137
Date: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

LC 0318955

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

WARREN UN BLIN/TUBB #110

9. API WELL NO.

30-025-31965

10. FIELD AND POOL, OR WILDCAT

WARREN BLINEBRY TUBB C&G
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SEC. 27, T-205, R-38E

12. COUNTY OR PARISH
LEA

13. STATE
NM

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. REVR. ☐ Other ☐

2. NAME OF OPERATOR

CONOCO INC.

3. ADDRESS AND TELEPHONE NO.

10 DESTA DR STE 100W, MIDLAND, TEXAS 79705 (817)-686-5424

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

At surface 2060' FSL & 660' FWL. UNIT LTR 'L'

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 4-28-93 16. DATE T.D. REACHED 5-15-93 17. DATE COMPL. (Ready to prod.) 6-10-93 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* GR 3538.3 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6780 21. PLUG, BACK T.D., MD & TVD 6730 22. IF MULTIPLE COMPL., HOW MANY* NA 23. INTERVALS DRILLED BY XX 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6070-6267 BLINEBRY & 6392-6597 TUBB 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORDED
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
8 5/8	24	1512	12 1/4	600 SX	NONE
5 1/2	17	6780	7 7/8	1365 SX	NONE

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	6047	

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED PAGE FOR DETAIL

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHED	DETAIL PAGE

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6-11-93		FLOWING				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
6-15-93	24			374	1960	2	5240
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
600	0		374	1960	2	39.6	

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

SOLD

TEST WITNESSED BY

ANDY DUKE

35. LIST OF ATTACHMENTS

DIVIAION RPT & LOGS

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

SIGNED

TITLE SR. STAFF ANALYST

DATE

*(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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
SAN ANDRES	4030	4168	DOLomite. POROSITY 6-14%	NATES	2718	+029
SAN ANDRES	4200	4330	DOLomite. POROSITY 6-14%	SEVEN RIVERS	2976	+571
GLORIETA	5370	5530	DOLomite. POROSITY 10-14%	QUEEN	3335	+212
BLINEBRY	6060	6267	DOLomite. POROSITY 1-11%	PENROSE	3518	+29
JBB	6392	6597	DOLomite. POROSITY 6-14%	GRAYBURG	3832	-285
				SAN ANDRES	4030	-483
				GLORIETA	5370	-1823
				BLINEBRY MKR	5814	-2267
				TUBB MKR	6347	-2800
				DRINKARD	6608	-3061

38. GEOLOGIC MARKERS

LEASE NO: LC 031695E
LEASE NAME & WELL NO: WARREN UN BLINE/TUBB #110
API #: 30-025-31965
COUNTY & STATE: LEA, NM

LINE 31: PERFORATION RECORD (INTERVAL, SIZE & NUMBER)

PERF TUBB W/ 2 JSPF @ 6392-6400, 6420-23, 6430-35, 6440-44,
6449-54, 6456-60, 6464-67, 6471-74, 6499-6508, 6526-29,
6537-41, 6546-55, 6561-69, 6590-97.

PERF BLINEBRY W/ 2 JSPF @ 6070-82, 6100-10, 6121-30, 6191-97,
6208-10, 6214-18, 6257-67.

LINE 32: ACID, SHOT, FRACTURE, CEMENT SQUEEZ3, ETC.

DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED
6392-6597	ACID W/ 500 g 15% NEFE HCL, FRAC W/ 120,000 g 15% CROSS-LINKED ACID, 115 BALL SEALERS AND AIR.
6070-6267	ACID W/ 40 g 15% NEFE HCL, FRAC / PUMP 2500 g PRE PAD FOLLOWED W/ 45,000 g PAD 23,108 g FRAC W/ 12#/g OF 16/30 RESIN COATED OTTOWA SAND. FLUSH W/ 181 BBL WATER.

RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

Form W-12
(1-1-71)

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.)		6. RRC District
1. FIELD NAME (as per RRC Records or Wildcat)		7. RRC Lease Number. (Oil completions only)
		8. Well Number 110
2. LEASE NAME Warren Unit		9. RRC Identification Number (Gas completions only)
3. OPERATOR Conoco, Inc.		10. County Lea
4. ADDRESS 10 Desta Drive West Midland, Tx 79705		
5. LOCATION (Section, Block, and Survey) 2060' FSL + 660' FWL, Sec. 27, T-20S, R-38E, Unit 41R 'L'		

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
245	245	0	0	0	0
503	258	1/4	.44	1.14	1.14
753	250	3/4	1.31	3.28	4.42
983	230	1	1.75	4.03	8.45
1233	250	1 1/2	2.63	6.58	15.03
1570	337	3/4	1.31	4.41	19.44
1999	429	3/4	1.31	5.62	25.06
2495	496	1 1/2	2.63	13.04	38.10
2803	308	1 3/4	3.06	9.42	47.52
3297	494	1 1/4	2.19	10.82	58.34
3795	498	1	1.75	8.72	67.06
4292	497	1 1/2	2.63	13.07	80.13
4789	497	1 1/4	2.19	10.88	91.01
5384	595	1 1/4	2.19	13.03	104.04
5593	209	1 1/4	2.19	4.58	108.62
6086	493	1 1/2	2.63	12.97	121.59

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☒ yes ☐ no
18. Accumulative total displacement of well bore at total depth of 6780 feet = 138.51 feet.
- *19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe
20. Distance from surface location of well to the nearest lease line _____ feet.
21. Minimum distance to lease line as prescribed by field rules _____ feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? NO
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form. <i>James L. Brazeal</i> Signature of Authorized Representative James L. Brazeal-President Name of Person and Title (type or print) Brazeal, Inc.-d/b/a CapStar Drilling Name of Company Telephone: <u>214</u> <u>727-8367</u> Area Code	OPERATOR CERTIFICATION I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form. _____ Signature of Authorized Representative _____ Name of Person and Title (type or print) Operator Telephone: _____ Area Code
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Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

* Designates items certified by company that conducted the inclination surveys.

[illegible]

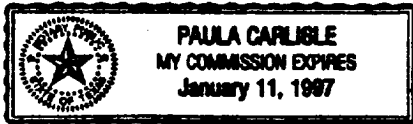
- INSTRUCTIONS -

This report shall be filed in the District Office of the Commission for the district in which the well is drilled, by attaching one copy to each appropriate completion for the well. (except Plugging Report)

The Commission may require the submittal of the original charts, graphs, or discs, resulting from the surveys.

STATE OF TEXAS }
 }
COUNTY OF COLLIN }

The attached instrument was acknowledged before me on the
17th day of May, 1993 by James L. Brazeal as
President of BRAZEAL, INC. d/b/a CapStar Drilling.



Paula Carlisle
Paula Carlisle - Notary Public

My commission expires:
January 11, 1997