

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

45F

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. RESVR. ☐ Other _____

2. NAME OF OPERATOR
TERRA RESOURCES, INC. ✓

3. ADDRESS OF OPERATOR
10 Desta Drive, Suite 500 West Midland, Texas 79705

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FEL 660' FNL

At top prod. interval reported below

At total depth

RECEIVED

DEC 11 '87

O. C. D.
MIDLAND OFFICE

14. PERMIT NO. 30-015-25808
DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM 30395

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
CHEVRON "7" FEDERAL

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Diamond Mound ATOKA *moderow*

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA

Sec. 7 T16S, R28E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED 10-13-87 16. DATE T.D. REACHED 11-8-87 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3650' RKB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 9300 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS XX CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE YES

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL, DIL, CBL, GR-MIC 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	48, 54, 61	310	17½	325 sx C1 "C" circ'd sds	-0-
8-5/8	24	1725	11	990 C1 "C", Circ. 340	-0-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED	

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) DST, LOGS, DEVIATION RECORD TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED *[Signature]* TITLE OPERATIONS ENGINEER DATE 11/24/87

*(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
Castile	Surface	316	Red Beds, Anhydrite - Salt			
Yates	316	468	Anhydrite, Dolomite - Salt			
Seven Rivers	468	996	Anhydrite - Dolomite			
Queen	996	1394	Sand - Dolomite - Anhydrite			
Grayburg	1394	1634	Dolomite - Anhydrite			
San Andres	1634	3222	Dolomite			
Glorieta-Blinberry	3222	4440	Dolomite, Sand, Limestone			
Tubb	4440	4568	Sand - Dolomite			
Drinkard	4568	5193	Dolomite & Anhydrite			
Abo	5193	6422	Dolomite - Shale			
Wolfcamp	6422	7704	Limestone - Shale			
Canyon Shale	7704	8430	Shale & Limestone			
Lower Strawn Lime	8430	8718	Limestone & Shale			
Atoka	8718	8798	Shale & Sandstone			
Morrow	8798	8908	Limestone & Shale			
Morrow Clastics	8908	9086	Shale, Sandstone			
Barnett Shale	9086	9188	Limey & Sandy Shale			
Chester Lime	9188	9300	Lime & Shale			
Total Depth	9300					

Terra Resources
Chevron 7 Federal #1
Eddy County, N.M.

STATE OF NEW MEXICO
DEVIATION REPORT

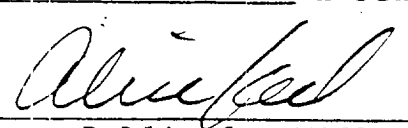
310	1/2
812	1/2
1301	1/4
1725	1/4
2205	1 3/4
2700	3/4
3195	3/4
3676	1 1/4
4000	1 1/4
4493	3/4
4990	1/2
5486	2 1/4
5640	2
5981	4
5673	3 3/4
6165	3 1/2
6287	2 3/4
6445	2 1/2
6724	2
7220	3/4
7718	1/2
8252	3/4
8705	1
8994'	3/4
9300'	1 3/4

STATE OF TEXAS X


By: Ray Peterson

COUNTY OF MIDLAND X

The foregoing instrument was acknowledged before me this 13th day of
November, 1987, by Ray Peterson on behalf of
Peterson Drilling Company.


Notary Public for Midland County,
Texas

My Commission expires: 8/2/88

DRILL STEM TEST REPORT

11/15/87
MONTH DAY YEAR

LEASE NAME & WELL NO. Chevron "7" Federal #1

DST NO. 2 FORMATION Morrow INTERVAL FROM 8915 TO 9000

TESTED BY Johnston; TEST WAS STRADDLE CONVENTIONAL MECHANICALLY GOOD A MIS-RUN

CUSHION: 0 FT. OF 0 BOTTOM HOLE CHOKE 3/16 SURFACE CHOKE 1/4

OPENED TOOL AT 8:20 AM 11/15 1987 OBTAINED NO STRONG MEDIUM WEAK

BLOW WHICH (INCREASED) (DECREASED) (REMAINED UNCHANGED) DURING FLOW PERIODS

(GAS) (OIL) (WATER) TO SURFACE IN HRS. MIN.; FLOW RATE MEASURED AT SURF.
MCFPD OF

DRILL PIPE RECOVERY: (TOP TO BOTTOM, INCLUDE RESISTIVITY, CL- & GRAVITY)

135 FT .66 BBL OF Dr/g Mud
____ FT ____ BBL OF ____
____ FT ____ BBL OF ____
____ FT ____ BBL OF ____

CHART DATA: OPERATION

	IHP	psi	FHP	psi	BHT	°F
	<u>4227</u>		<u>4227</u>		<u>138</u>	
	TIME INTERVAL					
FIRST FLOW	____ HRS	<u>15</u>	MIN	IFP	<u>140</u> psi	FFP <u>140</u> psi
FIRST SHUT-IN	____ HRS	<u>60</u>	MIN	ISIP	<u>409</u> psi	
SECOND FLOW	____ HRS	<u>90</u>	MIN	IFP	<u>89</u> psi	FFP <u>140</u> psi
SECOND SHUT-IN	____ HRS	<u>180</u>	MIN	FSIP	<u>1315</u> psi	

SAMPLE CHAMBER RECOVERY:

____ CC (OIL) (CONDENSATE) ____ °API
____ CC WATER, R_w ____ AT ____ °F, CL- ____ PPM
20 CC MUD, R_m 1.5 AT 58 °F R_{mf} ____ AT ____ °F
____ CC OTHER

SAMPLE CHAMBER PRESSURE 95 psi; GAS REC. .5 CU. FT.

PIT MUD: R_m 1.5 AT 58 °F; R_{mf} ____ AT ____ °F; CL- 2600 PPM

REMARKS: _____

