

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

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

UNION TEXAS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

4000 N. Big Spring, Ste. 500, Midland, TX 79705

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

At surface 1980' FSL & 1980' FEL

At top prod. interval reported below 1980' FSL & 1980' FEL

At total depth

14. PERMIT NO.

DATE ISSUED

11-19-85

JUN - 1 1987

O. C. D.
ARTESIA, OFFICE

5. LEASE DESIGNATION AND SERIAL NO.

NM 0334702

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

North Shugart, Bone Springs

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

Sec. 5, T18S, R31E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

2-2-87

16. DATE T.D. REACHED

3-12-87

17. DATE COMPL. (Ready to prod.)

5-11-87

18. ELEVATION

370

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

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

9,500

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

8,583

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

Bone Springs

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL, DLL

27. WAS WELL CORRED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13 3/8"	48#	519	17 1/2"
8 5/8"	32#	4458	11"
5 1/2"	17#	9500	7 7/8"

CEMENTING RECORD

50 Sx. "C"

AMOUNT PULLED

None

70 Sx. "C"

None

100 Sx. "C"

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	7458	7421 SN

31. PERFORATION RECORD (Interval, size and number)

8080-8220 - 2 SPF-4"-28 holes
8224-8415 - 2 SPF-4"-23 holes
7802-7842 -21 SPF-2 1/8"-72 holes

32. ACID, S

DEPTH INTERVAL (MD)

8080-8415

8080-8415

7802-7842

OT. FRACTURE, CEMENT SQUEEZE, ETC.

AMOUNT AND KIND OF MATERIAL USED

Spot 400 gal. 7.5% acid

Frac. 27,000 pad w/20/40 sd.

Frac. 34,000 pad w/20/40 sd.

33.* PRODUCTION

DATE FIRST PRODUCTION

4-30-87

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Pumping

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST

5-18-87

HOURS TESTED

24

CHOKER 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.)

Sold

TEST WITNESSED BY

Gary Hendricks

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

By John White

TITLE

Reg. Permit Coordinator

DATE

5-20-87

*(See Instructions and Spaces for Additional Data on Reverse Side)

17. 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
Yates San Andres Bone Spring Bone Spring Wolfcamp	1952 4143 7150 7751 9054	2318 5403 7751 8744 9936			Wolfcamp	9936	

**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) <u>North Shugart, Bone Spring</u>	2. LEASE NAME <u>Federal</u>	7. RRC Lease Number. (Oil completions only)
3. OPERATOR <u>Union Texas Petroleum Corporation</u>		8. Well Number <u>#2</u>
4. ADDRESS <u>4000 N. Big Spring, Midland, Texas 79705 Attn: Ken White</u>		9. RRC Identification Number (Gas completions only)
5. LOCATION (Section, Block, and Survey) <u>Section 5, T-18-S, R-31-E</u>		10. County <u>Eddy, N.M.</u>

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)
598	598	1 1/2	2.62	15.67	15.67
684	86	1 1/2	2.62	2.25	17.92
852	168	1 1/2	2.62	4.40	22.32
947	95	1 1/2	2.62	2.49	24.81
1041	94	1 3/4	3.05	2.87	27.68
1322	281	1 3/4	3.05	8.57	36.25
1636	314	1 3/4	3.05	9.58	45.83
2328	692	1	1.75	12.11	57.94
2810	482	3/4	1.31	6.31	64.25
3304	494	1/2	.87	4.30	68.55
3848	544	3/4	1.31	7.13	75.68
4415	567	1	1.75	9.92	85.60
4745	330	1 3/4	3.05	10.07	95.66
4963	218	1 3/4	3.05	6.65	102.31
5238	275	1 3/4	3.05	8.39	110.70
5561	323	3	5.23	16.89	127.59

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 9,500 feet = 243.05 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? _____
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION	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 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. <u><i>Hugh L. Adkins</i></u> Signature of Authorized Representative <u>Hugh L. Adkins, Vice President/Operations</u> Name of Person and Title (type or print) <u>Tri-Service Drilling Company</u> Name of Company Telephone: <u>915</u> <u>684-6641</u> Area Code	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. <u><i>Ken White</i></u> Signature of Authorized Representative <u>Ken White - Reg. Permit Coordinator</u> Name of Person and Title (type or print) <u>UNION TEXAS PETROLEUM CORPORATION</u> Operator Telephone: <u>915/684-0600</u> Area Code

Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

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

RECORD OF INCLINATION (Continued from reverse side)

*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)
5646	85	2 3/4	4.80	4.08	131.67
5741	95	2 1/4	3.93	3.73	135.41
5898	157	2 1/2	4.36	6.85	142.25
6054	156	2 1/2	4.36	6.80	149.05
6148	94	2 1/4	3.93	3.69	152.75
6306	158	2	3.49	5.51	158.26
6462	156	2	3.49	5.44	163.71
6618	156	1 3/4	3.05	4.76	168.46
6908	290	2	3.49	10.12	178.59
7161	253	2 1/4	3.93	9.94	188.53
7628	467	1 1/2	2.62	12.24	200.76
8003	375	1 3/4	3.05	11.44	212.20
8261	258	1	1.75	4.52	216.72
8778	517	1	1.75	9.05	225.76
9130	352	1 1/2	2.62	9.22	234.99
9500	370	1 1/4	2.18	8.07	243.05

If additional space is needed, attach separate sheet and check here. ☐

REMARKS:

- INSTRUCTIONS -

An inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned. (Inclination surveys are required on re-entry of abandoned wells.) Inclination surveys must be made in accordance with the provisions of Statewide Rule 11.

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.