

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NEW MEXICO 88240

SUBMIT IN DUPLICATE*

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 16139

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pitchfork, 8703 JV-P

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Pitchfork Ranch (Morrow)

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

Sec. 9, T-25-E, R-34-E

12. COUNTY OR PARISH

Lea

13. STATE

N.M.

19. ELEV. CASINGHEAD

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

BTA OIL PRODUCERS

3. ADDRESS OF OPERATOR

104 South Pecos, Midland, Texas 79701

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

At surface 660' FNL & 1980' FEL

At top prod. interval reported below

At total depth Same

14. PERMIT NO.

DATE ISSUED

4/6/87

15. DATE SPUDDED

4/23/87

16. DATE T.D. REACHED

6/28/87

17. DATE COMPL. (Ready to prod.)

7/6/87

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

3,348' GR 3,373' RKB

20. TOTAL DEPTH, MD & TVD

15,325'

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

15,300'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

15,325

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

14,826' - 15,201' (Morrow)

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDT/DIL

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
16"	65	580'	20"	700 sx -Circ.	
10-3/4"	45.5 & 51	5,154'	14-3/4"	3000 sx -Circ.	
7-5/8"	29.7 & 33.7	13,200'	9-1/2"	2500 sx TOC @ 3300	
		DV @ 7,989'			

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	12,779'	15,324'	325		2-7/8"	14,688'	14,600'

31. PERFORATION RECORD (Interval, size and number)

14,826' - 14,830' 2 JSPF
15,141' - 15,146'
15,194' - 15,201' (35 holes)

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

33.*

DATE FIRST PRODUCTION

7/5/87

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

Flowing

WELL STATUS (Producing or shut-in)

Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/6/87	24 hrs.	10/64"	→	12	3408	0	284,000
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
4280	Pkr.	→	12	3408	0		36.5°

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

Shut In - Pending P/L connection

TEST WITNESSED BY

Thomas J. Williams

35. LIST OF ATTACHMENTS

Inclination, C-104, 2 Logs

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

SIGNED

Dorothy Naughton

TITLE

Regulatory Supervisor

DATE 7/17/87

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Morrow Porosity	14,826	14,831	Gas	Rustler Anhy	976	
	15,139	15,146	Gas	Delaware B Canyon	5306	
	15,192	15,203	Gas	Cherry Canyon	6275	
				1st Bone Springs LS	9508	
				Strawn	13775	
				Atoka	13900	
				Morrow Clastics	14347	
				Sinatra S.S.	14810	
				Morrow "C" S.S.	15139	

38. GEOLOGIC MARKERS

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INCLINATION REPORT

1. FIELD NAME Pitckfork Ranch (Morrow)		2. LEASE NAME Pitchfork, 8703 JV-P	
3. OPERATOR BTA OIL PRODUCERS			
4. ADDRESS 104 South Pecos, Midland, Texas 79701			
5. LOCATION (Section, Block, and Survey) Sec. 9, 25S, 34E			County Lea

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)
127	1.27	.75	1.31	1.67	1.67
393	2.66	.50	.87	2.32	3.99
580	1.87	.75	1.31	2.45	6.44
710	1.30	.50	.87	1.14	7.58
1259	5.49	.75	1.31	7.20	14.78
1741	4.82	1.00	1.75	8.44	23.22
2241	5.00	.25	.44	2.20	25.42
2738	4.97	.75	1.31	6.52	31.94
3237	4.99	1.75	3.05	15.22	47.16
3423	1.86	.25	.44	.82	47.98
3642	2.19	1.75	3.05	6.68	54.66
3862	2.20	1.75	3.05	6.71	61.37
4018	1.56	1.50	2.62	4.09	65.46
4332	3.14	.75	1.31	4.12	69.58
4989	6.57	1.50	2.62	17.22	86.80
5154	1.65	1.00	1.75	2.89	89.69

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 15,325 feet = 284.25 feet.
19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe

Notary Seal

Subscribed and sworn to before me this 16th day of July 1987
Marguerite J. Landrum Tulsa Oklahoma
Notary Public County

my commission expires:
10-9-89

INCLINATION DATA CERTIFICATION <u>H.L. Jennings</u> Signature of Authorized Representative <u>H.L. Jennings-Administrative Mgr.</u> Name of Person and Title (type or print) <u>Parker Drilling Company</u> of Company phone: <u>918</u> <u>585-8221</u> Area Code	OPERATOR CERTIFICATION <u>Dorothy Houghton</u> Signature of Authorized Representative <u>DOROTHY HOUGHTON-Regulatory Supervisor</u> Name of Person and Title (type or print) <u>BTA OIL PRODUCERS</u> Operator Telephone: <u>915</u> <u>682-3753</u> Area Code
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