

UNITED STATES N.M. Oil Conservation Division
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
9th S. 1st Street
Artesia, NM 88210-2834

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.

NM13624

6. LANDMAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Avalon 1 Federal #4

9. APT WELL NO.

3001531359 S1

10. FIELD AND POOL OR WILDCAT

Burton Flat Morrow

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

Sec 1 T21S R26 E, NM PM

1a. TYPE OF WORK

OIL WELL ☐GAS WELL ☒DRY ☐

Other _____

1b. TYPE OF WELL

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF RESVR. ☐

Other _____

2. NAME OF OPERATOR

Bonneville Fuels Corporation

3. ADDRESS AND TELEPHONE NO.

1700 Broadway, Suite 1150 Denver CO 80290 303 863-1555 ext 204

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

At Surface 2853' FSL 1643' FEL

At top prod. Interval reported below

At total depth

1365' FSL, 3121' FEL

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPURRED

10/18/2000

16. DATE T.D. REACHED

1/04/2001

17. DATE COMPL. (Ready to prod.)

3/01/2001

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

3192' GR, 3209' KE

19. ELEV. CASINGHEAD

3192

20. TOTAL DEPTH, MD & TVD

11,575 MD 11,253 TVD

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

11,336 MD TVD

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

ROTARY TOOLS

CABLE TOOLS

11,575

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

11,273-11,317 (MD) 10,951-10,995' (TVD) Mid Morrow

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

HRLA-MCFL; TLD/CNL; CBL

27. WAS WELL CORED

No

23. 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
13 3/8 J-55	54	730	17 1/2"	Surf, 800 sx + 300 sx 1" top job	
9 5/8" J-55	40#	2356	12 1/4"	Surf, 650 sx +75 sx 1" top job	
4 1/2" N-80 S-95	11.6	11,575	8 3/4"	3,152 sx	

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	11,326	11,218

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
11,378-11,388' (MD)	0.32"	40
11,315'-11,317' (MD)	0.32	8
11,284-11,306' (MD)	0.32	88
11,273-11,277' (MD)	0.32	16

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
CIBP 11,350' MD	1 sx cmt on top

33.*

PRODUCTION

33.*

DATE FIRST PRODUCTION NA		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing					WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 3/09/01	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL--BBL. 0	GAS--MCF. 1782	WATER--BBL. 0		GAS-OIL RATIO 0
FLOW'W. TUBING PRESS. 1075	CASING PRESSURE Pkr	CALCULATED 24-HOUR RATE →		OIL-BBL. 0	GAS--MCF. 1782	WATER--BBL. 0		OIL GRAVITY-API (CORR.)

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

NA

TEST WITNESSED BY

Merv Buecker Pro Well Test.

35. LIST OF ATTACHMENTS

Directional Survey, Logs: LD/CN/GR AI/GR measured & TVD

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

SIGNED

TITLE Drilling Manager

DATE 3/27/01

(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			
Avalon I Federal #4				NAME	TOP		TRUE VERT. DEPTH
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		MEAS. DEPTH		
All Depths are Measured							
Cherry Canyon	2370	3825		Cherry Canyon	2370		2370
Brushy Canyon	3825	4640		Brushy Canyon	3825		3779
Bone Springs	4640	8836		Bone Springs	4640		4541
Wolfcamp	8836	9828		Wolfcamp	8836		8526
Cisco	9828	9950		Cisco	9828		9507
Canyon	9950	10,162		Canyon	9950		9629
Strawn	10,162	10,386		Strawn	10,162		9842
Atoka	10,386	11,015		Atoka	10,386		10,066
Morrow	11,015	11,487		Morrow	11,015		10,693
Barnett	11,487			Barnett	11,487		11,165

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