

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.

NM 03364

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

JUL 5 8 22 AM '90

7. UNIT AGREEMENT NAME

Big Eddy Unit

8. FARM OR LEASE NAME

Big Eddy Federal Unit

9. WELL NO.

115

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 21, T-21-S, R-29-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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

5/23/90

GR 3394.7', K.B. 3413'

19. ELEV. CASINGHEAD

NA

23. INTERVALS DRILLED BY

ALL

25. WAS DIRECTIONAL SURVEY MADE

yes

27. WAS WELL CORED

No

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other Plug & Abandon

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other No completion work.

2. NAME OF OPERATOR

Bettis, Boyle & Stovall

3. ADDRESS OF OPERATOR

P. O. Box 1240, Graham, Texas 76046

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

At surface

1650' FNL & 1980' FEL of Sec. 21, Twp-21-S, R-29-E

At top prod. interval reported below

same

At total depth

same

14. PERMIT NO.

DATE DESIGNED

OFFICE

5/23/90

15. DATE SPUDDED

5/30/90

16. DATE T.D. REACHED

6/13/90

17. DATE COMPL. (Ready to prod.)

Plug & Abandon 6/15/90

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

GR 3394.7', K.B. 3413'

19. ELEV. CASINGHEAD

NA

20. TOTAL DEPTH, MD & TVD

5125'

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

NA

22. IF MULTIPLE COMPL., HOW MANY*

NA

23. INTERVALS DRILLED BY

ALL

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

Plugged and Abandoned

26. TYPE ELECTRIC AND OTHER LOGS RUN

6 ARM DIP, DLL-MG, LSS, MST, SDL-DSN

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24	521.23'	12-1/4	325 sks Class "C" (circulated)	None

Part ID-2
7-20-90
PCH

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

Plugged and Abandoned

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Plug #1 at 4125'	35 sks Class "H" cement
Plug #2 at 940'	35 sks Class "H" cement
Plug #3 at 575'	40 sks Class "H" cement
Tagged at 450', set	15 sks Class "H" cement at surface.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
Plugged and Abandoned 6/15/90.								
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.)

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

TITLE

Agent

DATE July 2, 1990

*(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):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Cherry Canyon (Sand and Lime) Sand & Lime	4052'	5125'	Total depth in the Cherry Canyon	Rustler	605'	605'
	4089'	4130'	DST No. 1 from 4076' - 4133' (57') Cherry Canyon Recovered drilling fluid and formation water. No oil or gas recovery (See Attached DST Report)	Top/Salt Base/Salt Delaware Cherry Canyon	1655' 2253' 3190' 4052'	1655' 2253' 3190' 4052'

BETTIS BOYLE AND STOVALL
BIG EDDY UNIT NO. 115
EDDY COUNTY, NEW MEXICO

DST NO. 1 from 4076' - 4133' (57')

Initial Flow: 15 minutes
Open with weak blow, increased to
4 1/2 inches in bottom of bucket.

Initial Shut-in: 90 minutes

Final flow: 300 minutes
Open with weak blow, increase to
7 ounces in 1 hour and 30 minutes.
Decreased to 6 1/2 ounces
for remainder of flow period.

Final Shut-in: 780 minutes

RECOVERY

Drill Pipe: 1069' of drilling fluid and formation water.

Sample Chamber: 100 psig, no gas, no oil, 2400 cc formation fluid.

Pit Sample	168,750 ppm chlorides
Fluid top of D.P.	196,250 ppm chlorides
Fluid top of tool	162,500 ppm chlorides
Sampler	135,000 ppm chlorides

PRESSURES (FIELD)

TOP CHART

BOTTOM CHART

INITIAL HYDROSTATIC:	2058 psig	2189 psig
INITIAL FLOW:	27 - 68 psig	56 - 112 psig (15 minutes)
INITIAL SHUT-IN:	1733 psig	1880 psig (90 minutes)
FINAL FLOW:	110 - 601 psig	141 - 674 psig (300 minutes)
FINAL SHUT-IN:	1706 psig	1795 psig (780 minutes)
FINAL HYDROSTATIC:	2058 psig	NA

NOTE: Bottom chart was a 24 hour clock and time ran out on the final
shut-in, 1795 psig is not an accurate recording.

BOTTOM HOLE TEMPERATURE: 88°F.