

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

LEASE DESIGNATION AND SERIAL NO.

LC 064118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. JOINT AGREEMENT NAME

8. FARM OR LEASE NAME

E.C. Hill "B" Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Teague Blinebry

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

Sec 34, T23S, R37E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐DEEPEN ☐PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Arch Petroleum Inc.

3. ADDRESS OF OPERATOR

10 Desta Dr., Suite 420 East, Midland, Texas 79705

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

810 FNL & 660 FEL, Section 34, T-23-S, R-37-E

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 miles North of Jal

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

810

16. NO. OF ACRES IN LEASE

480

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETE,
OR APPLIED FOR, ON THIS LEASE, FT.

180

19. PROPOSED DEPTH

5305

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3273 DF

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	48#	322	300 SX
12 1/4	9 5/8	36#	2899	1400 SX
8 1/2	7	23#	7104	500 SX

CIBP at 6063' with 10' cement on top.

Blinebry Perfs at 5312-5789 (2 JSPF/25 int. - 50 holes)

PROPOSAL:

1. Set 7" CIBP at 5305' with 35' cement on top.
2. Perforate 2 JSPF at 4920-5260. (Paddock)
3. Acidize with 3500 gals 15% NeFe HCL + ball sealers.
Frac with 28,000 gals gel, 48,000# 20-40 sand and 20,000# 12-20 sand at 30 BPM.
4. Test formation and put on production.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

David Miller

TITLE

Operations Manager

DATE

8-31-90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

7-5-90

CONDITIONS OF APPROVAL, IF ANY: