

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
N. M. STATE COMMISSION
O BOX 1930
HOBBS, NEW MEXICO

DESIGNATION AND SERIAL NO.

NM 40618
IF INDIAN, ALLIANCE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Buckskin Federal

WELL NO.

6

FIELD AND POOL, OR WILDCAT

Indes. Red Abu

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

Sec. 18, T24S, R30E

12. COUNTY OR PARISH 13. STATE

Lea 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

Alpha Energy-One Production Co., Inc.

3. ADDRESS OF OPERATOR

P.O. Box 1206, Gal, NM 88252

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

At surface 2310' FSL to 330' FSL, Sec. 18, T24S, R30E

At proposed prod. zone

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

7 miles Northeast of Gal, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

330'

16. NO. OF ACRES IN LEASE

240

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1100'

19. PROPOSED DEPTH

3000'

20. "CART OR CABLE" TOOLS

Rotary

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

3160'

22. APPROX. DATE WORK WILL START*

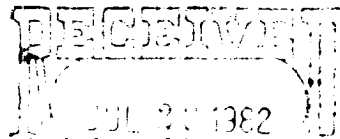
8-1-62

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Line- 6-1/2"	4"	11.34	700' H	25 CK
Underreamed				
Existing casing	4-1/2"	14	179' H	

We propose to deepen this well 200', to a total depth of 3000' into the 23K formation. No production was found in the Brinkhard formation at 2316' to 2320' and 2390' to 2394'. These perforations have already been squeezed off. We intend to use a rotary unit equipped with a 3000 R-1, 6 inch, 800 series Double Ram manual B-L system to deepen well. An liner will be hung above the perforations at 2316' to 2394'.



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

Michael D. Gray
(Orig. Sgd.) GEORGE H. STEWART

TITLE

District Superintendent

DATE

7-27-62

PERMIT NO.

JUL 29 1962

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: