

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-21991
LINDRITH GALLUP AND NEIGHBORING

NM-03011

6. INDIAN, TRIBAL OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

2. TYPE OF WELL

GIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

3. NAME OF OPERATOR

J. Felix Hickman

4. ADDRESS OF OPERATOR

P. O. Box 12307 El Paso, Texas 79912

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

At surface

330'FSL, 2310'FEL

At proposed prod. zone

Same

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

Not Applicable

7. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

330'

8. NO. OF ACRES IN LEASE

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9. NO. OF ACRES ASSIGNED

TO THIS WELL
191.23

10. DISTANCE FROM PROPOSED LOCATION*

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

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11. PROPOSED DEPTH

7830'

12. ROTARY OR CABLE TOOLS

Rotary

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

6983'GR, 6996'DF, 6997'KB

14. APPROX. DATE WORK WILL START*

15.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0	250'	250 sacks
7-7/8"	4-1/2"	10.50&11.60	7830'	To be determined

It is proposed to drill this well with rotary tools, using low solids water base mud as circulation medium, through the Dakota Formation. Possible productive zones in the Dakota Formation will be completed. Production casing will be cemented in such a manner as to protect the Pictured Cliffs Formation.

Estimated Formation Tops

Pictured Cliffs	3222'	Green Horn	7372'
Cliff House	4902'	Graneros	7437'
Gallup	6475'	Dakota	7452'

The S/2 Section 6 is dedicated to this well.

The natural gas produced from this well is committed.

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. FOR: J. FELIX HICKMAN

President, Walsh Engin.

SIGNED *Ewell N. Walsh*
Ewell N. Walsh, P.E.

TITLE & Prod. Corp.

DATE 1/11/79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JAN 12 1979

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

RECEIVED



