

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

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

J. FELIX HICKMAN

3. ADDRESS OF OPERATOR

P O Box 208, Farmington, NM 87499

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

At surface

1845' FSL - 410' FEL

At proposed prod. zone

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

9 miles west of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 410' FEL
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

960

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160-191.23

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, 1100' to Clark
OR APPLIED FOR, ON THIS LEASE, FT. #1 (P.C.)

19. PROPOSED DEPTH

7750'

20. ROTARY OR CABLE TOOLS

Rotary

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

7010' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

ASAP

23.

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	32#	200'	150 cf circulated to surface
7-7/8"	4-1/2"	10.5#	7750'	2082 cf in 3 stages

Plan to drill a 12-1/4" hole and set 200' of 8-5/8" OD, 32#, K-55 surface casing; then plan to drill a 7-7/8" hole to total depth with a gel-water-mud program to test Gallup & Dakota formations. Plan to run IES and CDL logs. If deemed productive, will run 4 1/2" OD, 10.5#, J-55 casing, selectively perforate, frac, clean out after frac, and complete well

GAS IS DEDICATED.

RECEIVED

DEC 18 1984

OIL CON. DIV.

DIST. 3

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

Staman E. Dugan

TITLE

Geologist

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ch 2

*See Instructions On Reverse Side

NMOCC

DATE 12-5-84

APPROVED
AS AMEND

DATE DEC 14 1984

/s/ J. Stan McKee

ASST. AREA MANAGER
FARMINGTON RESOURCE AREA

All distances must be from the outer boundaries of the Section.

Operator J. FELIX HICKMAN			Lease CLARK		Well No. 13
Unit Letter I	Section 6	Township 24N	Range 3W	County Rio Arriba	
Actual Footage Location of Well: 1845 feet from the South line and 410 feet from the East line					
Ground Level Elev. 7010	Producing Formation Gallup-Dakota		Pool West Lindrith Gallup-Dakota		Dedicated Acreage: 160 19/23 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Sherman F. Dugan
Name
Sherman F. Dugan
Position
Geologist
Company
Dugan Production Corp.
Date
12-5-84

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
Re-issued December 3, 1984
Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.
Certificate No. 1050

J. FELIX HICKMAN - Clark #13
Existing Roads =====

Exhibit E

J. FELIX HICKMAN - Clark #13
Planned Access Road(s)

Exhibit E

Distance from nearest town or reference pt.
9 miles to town of Lindrith, New Mexico

Type of surface Dirt

Conditions Good

Other _____

Width 30' Maximum grades 5%

Drainage design None Required

Cuts & Fills None Required

Surfacing material On Site

⇒ Turnouts

Culverts

 Gates

≡ Cattleguards

/// Fence cuts.

☒ None

Access road(s) do/do not cross Fed/Ind land.



