

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

915' FSL - 820' FEL

At proposed prod. zone

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

8 miles west of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

820' FEL

16. NO. OF ACRES IN LEASE

960

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED

OR APPLIED FOR, ON THIS LEASE, FT.

Clark#2 (Pic. Cliffs)

300' East of

19. PROPOSED DEPTH

7750'

20. ROTARY OR CABLE TOOLS

Rotary

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

6965' GL

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED
"PROPOSED CASING AND CEMENTING PROGRAM"
"GENERAL REQUIREMENTS"

22. APPROX. DATE WORK WILL START*

ASAP

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.

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

Shuman E. Dugan

Shuman E. Dugan

TITLE

Geologist

DATE

12-5-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AS AMENDED

DATE

DEC 14 1984

/s/ J. Stan McKee

ASST. AREA MANAGER
FARMINGTON, NM

*See Instructions On Reverse Side

NMOCC

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

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

Operator J. FELIX HICKMAN			Lease CLARK		Well No. 12
Unit Letter P	Section 5	Township 24N	Range 3W	County Rio Arriba	
Actual Footage Location of Well: 915 feet from the South line and 820 feet from the East line					
Ground Level Elev: 6965	Producing Formation Gallup-Dakota		Pool West Lindrith Gallup-Dakota		Dedicated Acreage: 160 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.

RECEIVED

DEC 18 1984

OIL CON. DIV.
DIST. 3

RECEIVED

DEC 6 1984

BUREAU OF LAND MANAGEMENT
SANTA FE, NEW MEXICO 87501

Sec.

5

J. Felix Hickman
Ls.# NM 03011
820'

915'

Scale: 1"=1000'

CERTIFICATION

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

Sherman E. Dugan
Name

Sherman E. 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. 3950

J.FELIX HICKMAN - Clark #12
Existing Roads = = = =

Exhibit E

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

Type of surface Dirt

Conditions Good

Other _____

J. FELIX HICKMAN - Clark #12
Planned Access Road(s)

Exhibit E

Width _____ Maximum grades _____

Drainage design _____

Cuts & Fills _____

Surfacing material _____

⇒ Turnouts

 Culverts

 Gates

— Cattleguards

 Fence cuts

NO ACCESS
ROAD REQUIRED



