

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

Lewis Energy Corporation c/o K & A/Helton

3. ADDRESS OF OPERATOR

2200 Security Life Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surfaceA 390' FNL, 700' FEL, Section 21, T20N, R4W
At proposed prod. zone

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

12 miles North of Torreon Trading Post

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

18. DISTANCE FROM PROPOSED LOCATION*

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

NA

16. NO. OF ACRES IN LEASE

160

19. PROPOSED DEPTH

4,400

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary and Cable Tools

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

6,774 G.R.

22. APPROX. DATE WORK WILL START*

November 15, 1980

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	9 5/8	32.3	200	To Surface
8 3/4	7	20	3,700	200 sx
6 1/4	4 1/2	10.5	Liner to TD*	Per caliper, if required

Operator proposes to drill a test of the Gallup sandstone.

Details are attached in the Supplemental Data Sheet.

The Gallup formation may be produced open hole. If interbedded shale becomes a problem, the liner will be run.



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

TITLE

Asst. Mgr. Operations

K & A/Helton

DATE Oct. 8, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVED
AS AMENDED

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL

JAMES F. SIMS
DISTRICT ENGINEER

OIL CONSERVATION DIVISION

P. O. BOX 2048

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78STATE OF NEW MEXICO
MINERALS DEPARTMENT

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

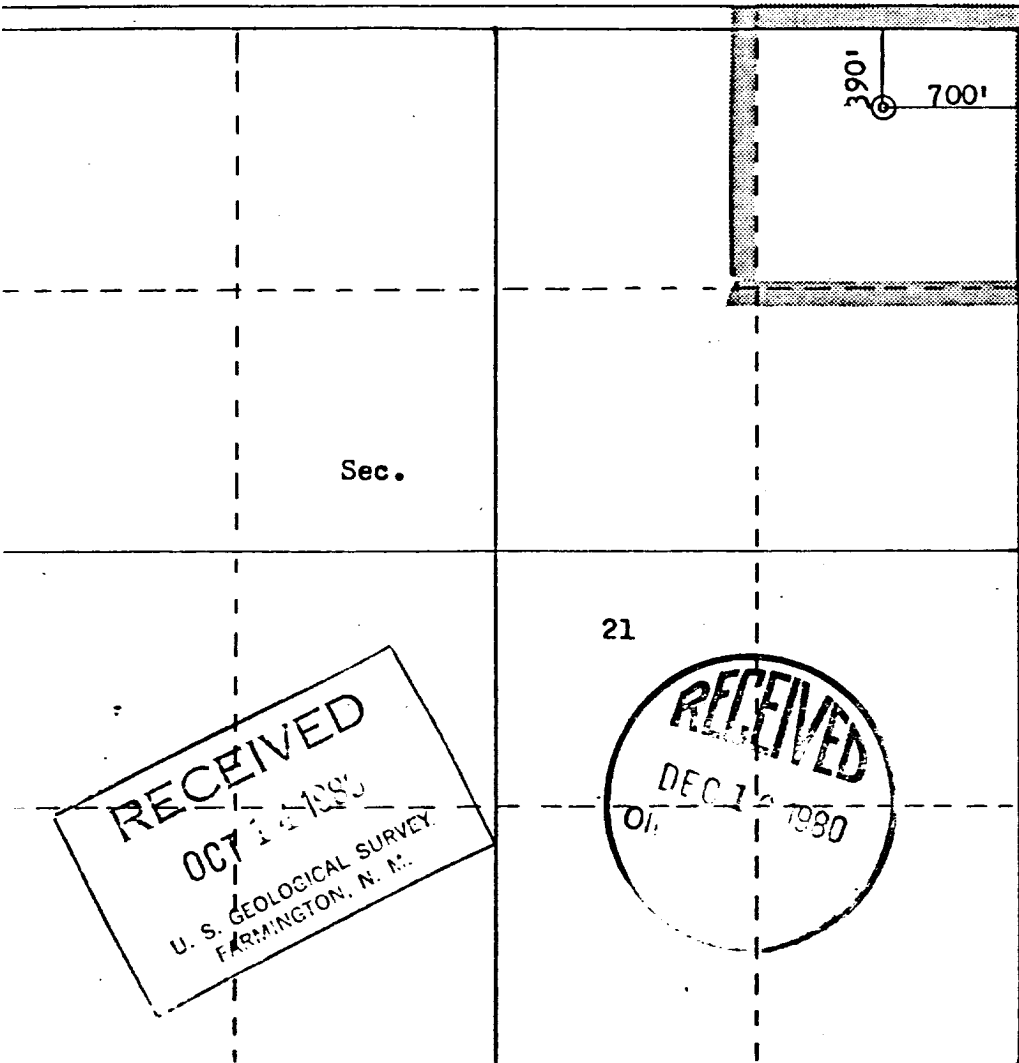
Operator LEWIS ENERGY CORPORATION		Lease NAVAJO ALLOTTED 21		Well No. 1	
Well Letter A	Section 21	Township 20N	Range 4W	County Sandoval	
Actual Footage Location of Well:					
390 feet from the North		line and 700		feet from the East line	
Ground Level Elev. 6774	Producing Formation Gallup		Pool Wildcat		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

Name

W.E. Landry

Position

Asst. Mgr., Operations

Company

K & A/Helton

Date

October 8, 1980

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

October 14, 1980

Registered Professional Engineer
and Land Surveyor

Fred B. Kert

Certificate No.

3950

Scale: 1"=1000'

SUPPLEMENTAL DATA
APPLICATION FOR PERMIT TO DRILL

LEWIS ENERGY CORPORATION
NAVAJO ALLOTTED 21
WELL NO. 1
390' FNL, 700' FEL, SECTION 21-T20N-R4W
SANDOVAL COUNTY, NEW MEXICO

1. The surface formation is Nacimiento.
2. Estimated formation tops are:

<u>Formation</u>	<u>Depth</u> (ft.)
Base of Ojo Alamo	360
Pictured Cliffs	710
Cliff House	1,118
La Ventana	1,578
Lower Menefee	2,082
Point Lookout	2,984
Mancos Shale	3,104
Gallup Sandstone	3,928

3. Fresh water may be found in the Ojo Alamo sands and will be protected from contamination behind the intermediate casing.

