

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-7765		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME None		
2. NAME OF OPERATOR LEWIS ENERGY CORPORATION			7. UNIT AGREEMENT NAME None		
3. ADDRESS OF OPERATOR 232 North Schwartz, Farmington, New Mexico 87401			8. FARM OR LEASE NAME Lewis 4-20-2		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 860' FSL, 1650' FWL; Section 4-T20N-R2W At proposed prod. zone Same			9. WELL NO. #1		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 miles Southwest of Cuba, New Mexico			10. FIELD AND POOL, OR WILDCAT Undesignated Gallup		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 860'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA N Section 4-T20N-R2W		
16. NO. OF ACRES IN LEASE 1549.96			12. COUNTY OR PARISH Sandoval		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE New Mexico		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None			20. ROTARY OR CABLE TOOLS 0-4200		
19. PROPOSED DEPTH 4200'			22. APPROX. DATE WORK WILL START* January 1, 1982		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6868' GR					

23. 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# J-55	450'	To surface
7-7/8	5 1/2	14#	3740'	*see below

* A pack off type cementing shoe will be run on 5 1/2" casing. The cement volume will be calculated to bring cement 500' above the pack off shoe. Cement will be preceded by a volume of drilling mud sufficient to isolate all potentially productive up hole formation.

9.2 16

Lewis Energy proposes to drill a test to the Mancos Shale.

See attached Supplemental Data Sheet for details on proposed operations.



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 [Signature] TITLE Operations Manager DATE November 11, 1981

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

Called USGS they will ask the operator for a better cement program Hold C104 for that program

DATE	_____
FOR	_____
DISTRICT ENGINEER	_____

NMADP

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

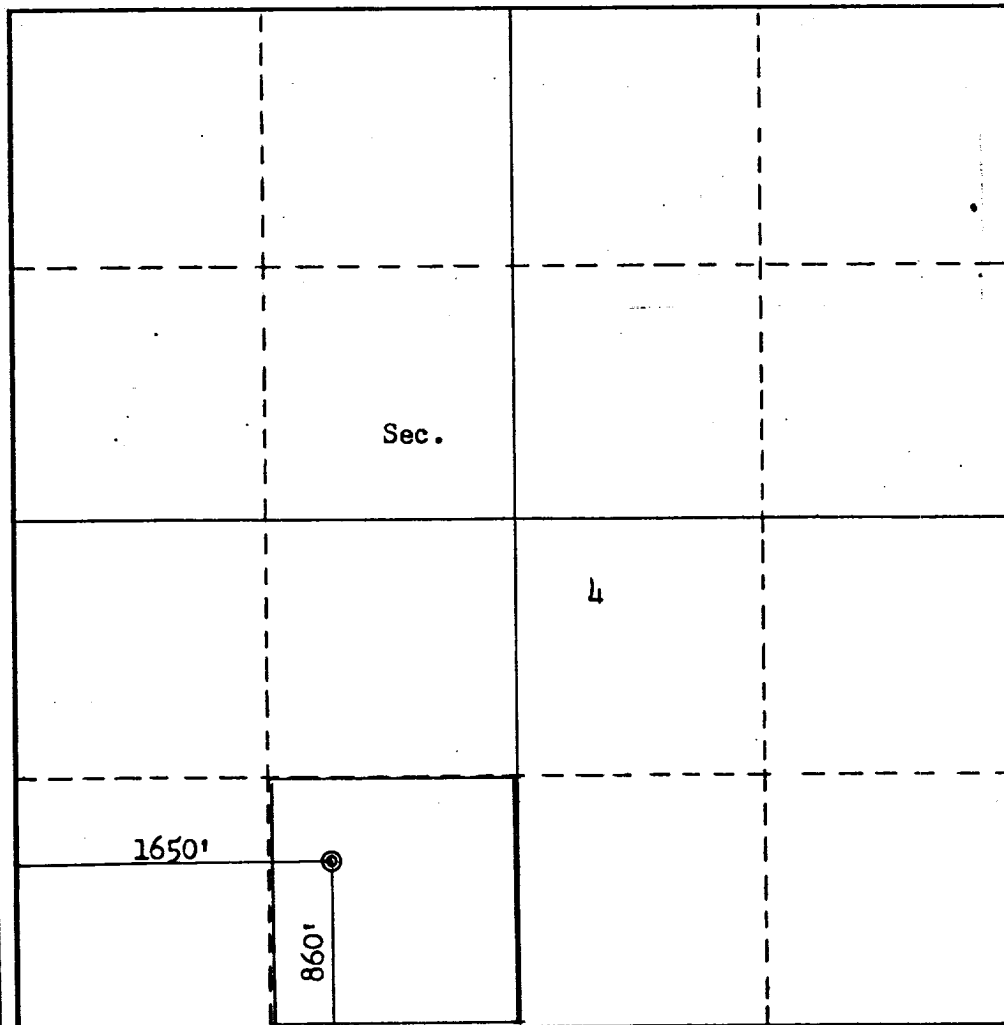
Operator LEWIS ENERGY CORPORATION			Lease LEWIS 4-20-2		Well No. 1
Unit Letter N	Section 4	Township 20N	Range 2W	County Sandoval	
Actual Footage Location of Well: 860 feet from the South line and 1650 feet from the West line					
Ground Level Elev. 6868	Producing Formation Mancos Shale		Pool Undesignated Gallup		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.

Zachary C. Lewis

Name
Zachary C. Lewis
Position
Operations Manager
Company
Lewis Energy Corporation
Date
November 11, 1981

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
November 11, 1981
Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.
Certificate No.
3950

