

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-043-20655

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-28741	
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	
2. NAME OF OPERATOR Aztec Energy Corporation			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1206 East 20th Street, Farmington, N. M. 87401			8. FARM OR LEASE NAME Lu-Lu	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*) At surface 2140 ft./South line and 945 ft./West line At proposed prod. zone Gallup			9. WELL NO. 2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 2 miles Southwest of Counselor, N.M.			10. FIELD AND POOL OR WILDCAT Lybrook Pool Extension	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 570 ft.			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA L Sec. 29, T.23N, R.6W	
16. NO. OF ACRES IN LEASE 480			12. COUNTY OR PARISH Sandoval	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE N.M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2600 ft.			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7166 Ft. GR.			22. APPROX. DATE WORK WILL START*	

23. PROPOSED CASING AND CEMENTING PROGRAM

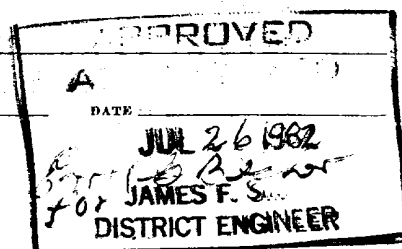
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0#	250'	175 Sx Circ. to Surface
7-7/8"	5-1/2"	15.5#	5670'	420 Sx 2 stage

1. Drill 12-1/4" hole to approx. 250 ft. and run new 8-5/8" 24#/ft. casing. Cement casing with 175 sx cement, circulating to the surface.
2. Pressure test casing and BOP at 1000 psig.
3. Drill 7-7/8" hole to 5670 ft. with fresh water gel mud. Log well.
4. Run and set 5-1/2", 15.5#/ft. casing and cement in two stages with cement to cover Ojo Alamo.
5. Perforate and fracture Gallup formation. Clean up well and complete as required.

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 Ronnie W. Allen TITLE Geologist DATE 6-23-82
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:



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

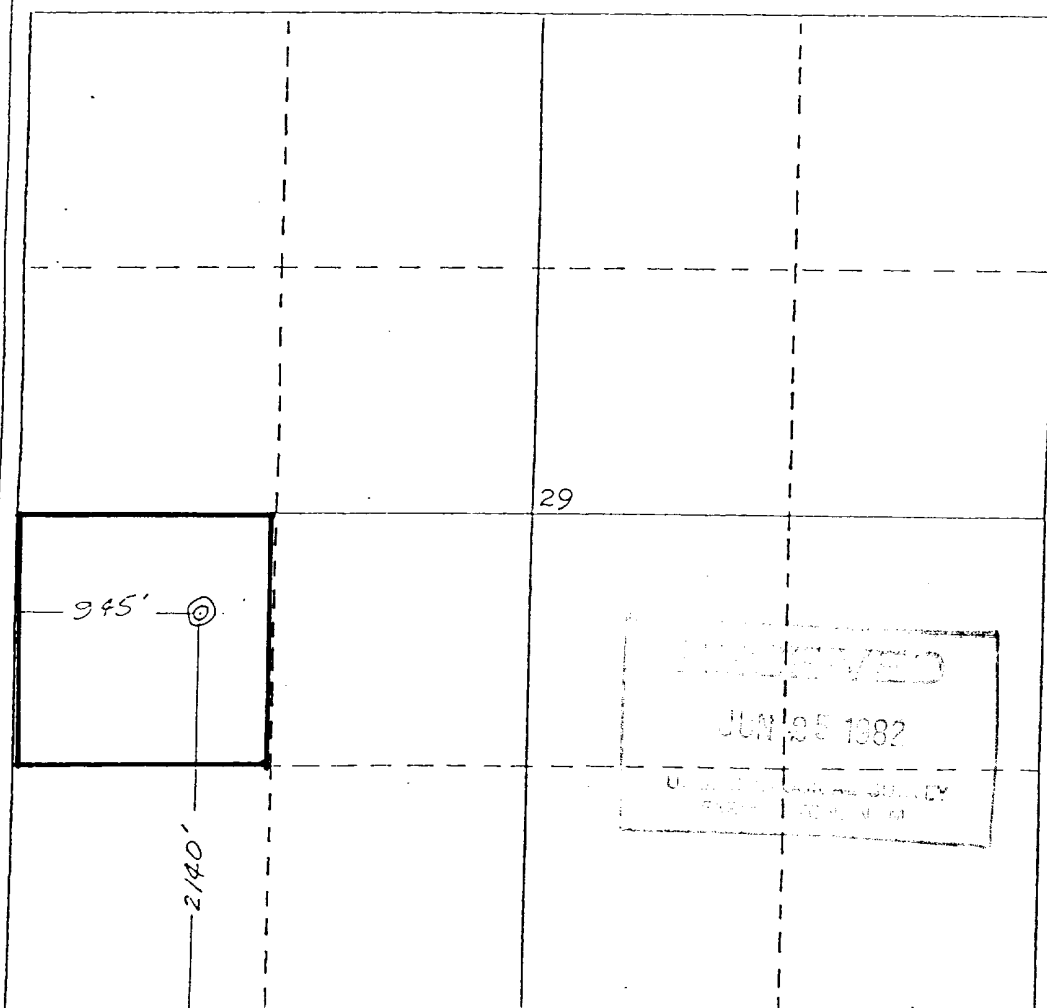
Operator AZTEC ENERGY CORPORATION			Lease Lu-Lu		Well No. 2
Unit Letter L	Section 29	Township 23 NORTH	Range 6 WEST	County SANDOVAL	
Actual Footage Location of Well: 2140 feet from the SOUTH line and 945 feet from the WEST line					
Ground Level Elev. 7166	Producing Formation Gallup		Pool Lybrook Extension		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 Division



CERTIFICATION

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

Name

Ronnie W. Allen

Position

Geologist

Company

Aztec Energy Corp

Date

June 23, 1982

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.

REGISTERED PROFESSIONAL ENGINEER
STATE OF NEW MEXICO
NO. 1463
JAMES P. LEESSE

Date Surveyed

*11 June 1982*Registered Professional Engineer
and/or Land Surveyor*James P. Leese*
James P. Leese

Certificate No.

1463

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

1000-8091

