

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. Reservation	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Jicarilla Energy Company		7. UNIT AGREEMENT NAME None	
3. ADDRESS OF OPERATOR P.O. Box 507, Dulce, New Mexico 87528		8. FARM OR LEASE NAME JECO 85 "A"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1825' FSL, 640' FWL Sec. 2, T23N, R4W 2138/S 736/W At proposed prod. zone same		9. WELL NO. #2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 30 miles Northeast of Cuba New Mexico		10. FIELD AND POOL, OR WILDCAT So. Lindrith Gallup-Dakota	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA L Sec. 2, T23N, R4W	
16. NO. OF ACRES IN LEASE Entire Reservation		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 7600'		22. APPROX. DATE WORK WILL START* August 1, 1985	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 7304		DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED GENERAL REQUIREMENTS.	
23. This action is subject to technical and procedural review pursuant to 43 CFR 3185.3 and appeal pursuant to 43 CFR 3185.4.			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4	8 5/8	24	300
7 7/8	4 1/2	10.5 & 11.6	7600

We propose to drill a 7600' Dakota test to evaluate the Tocito, Greenhorn, Gallup, and Dakota zones. If economical production is encountered, a string of 4 1/2" 10.5 & 11.6# casing will be set and cemented. All production zones will be evaluated and stimulated as necessary for production.

The hole will be mud drilled. A double gate BOP will be employed from 300' to TD.

There are no known problems expected during the drilling phase of the project.

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 Oil & Gas Supervisor DATE 6-20-85

(This space for Federal or State office use)

PERMIT NO. _____

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY: _____

TITLE _____

SEP 06 1985

DATE _____

MINING OIL CON. DIV.

*See Instructions On Reverse Side

DIST. 3

SEP 04 1985

for Stan McKee
M. MILLENBACH
AREA MANAGER

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

Operator JFCO		Lease 85-A		Well No. 2
Unit Letter L	Section 2	Township 23 NORTH	Range 4 WEST	County RIO ARriba
Actual Footage Location of Well:				
1825 feet from the SOUTH line and		610 feet from the WEST line		
Ground Level Elev. 7304	Producing Formation Dakota	Pool So Lindrith Gallup-Dakota	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.

<div style="text-align: center;"> <p>RECEIVED</p> <p>JUN 28 1985</p> <p>BUREAU OF LAND MANAGEMENT</p> <p>EARMINGTON RESOURCE AREA</p> </div>		<div style="text-align: center;"> <p>Sec. 2</p> </div>	
		<div style="text-align: center;"> <p>610'</p> <p>610'</p> </div>	
<div style="text-align: center;"> <p>SEP 05 1985</p> <p>OIL CON. DIV.</p> <p>DIST. 3</p> </div>			

CERTIFICATION

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

Harold W. Shultz

Name

President

Position

Shultz Mining

Company

Date

6-27-85

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.

LAND

25 June, 1985

Date Surveyed

Curtis C. Stocking

Registered Professional Engineer and/or Land Surveyor

Curtis C. Stocking

Certificate No.

NMOC 5000

