

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  
Jicarilla Energy Company

3. ADDRESS OF OPERATOR  
P.O. Box 507, Dulce, New Mexico 87528

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 330' FSL, 1850' FWL  
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
30 miles Northwest of Cuba, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
330

16. NO. OF ACRES IN LEASE  
Entire Reservation

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
900

19. PROPOSED DEPTH  
7600

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether ~~the~~ <sup>the</sup> ~~surface~~ <sup>surface</sup> is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.  
GR 6985

22. APPROX. DATE WORK WILL START\*  
September 1, 1985

23. PROPOSED CASING AND CEMENTING PROGRAM

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

24. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED GENERAL REQUIREMENTS\*  
250 ft. 3  
2000 ft. 3

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 proposed 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.

SIGNED Theresa Velarde TITLE Oil & Gas Supervisor DATE 6-20-85

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

\*See Instructions On Reverse Side

APPROVED  
AS AMENDED

DATE  
AUG 19 1985  
J. G. Star McKea  
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 JECO		Lease 85-A		Well No. 5
Unit Letter N	Section 32	Township 24 NORTH	Range 4 WEST	County RIO ARriba
Actual Postage Location of Well:				
330 feet from the SOUTH line and 1850 feet from the WEST line				
Ground Level Elev. 6985	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.

<p>RECEIVED JUN 28 1985 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA</p>		Sec. 32	
		<p>RECEIVED AUG 21 1985 OIL CON. DIV. DIST. 3</p>	

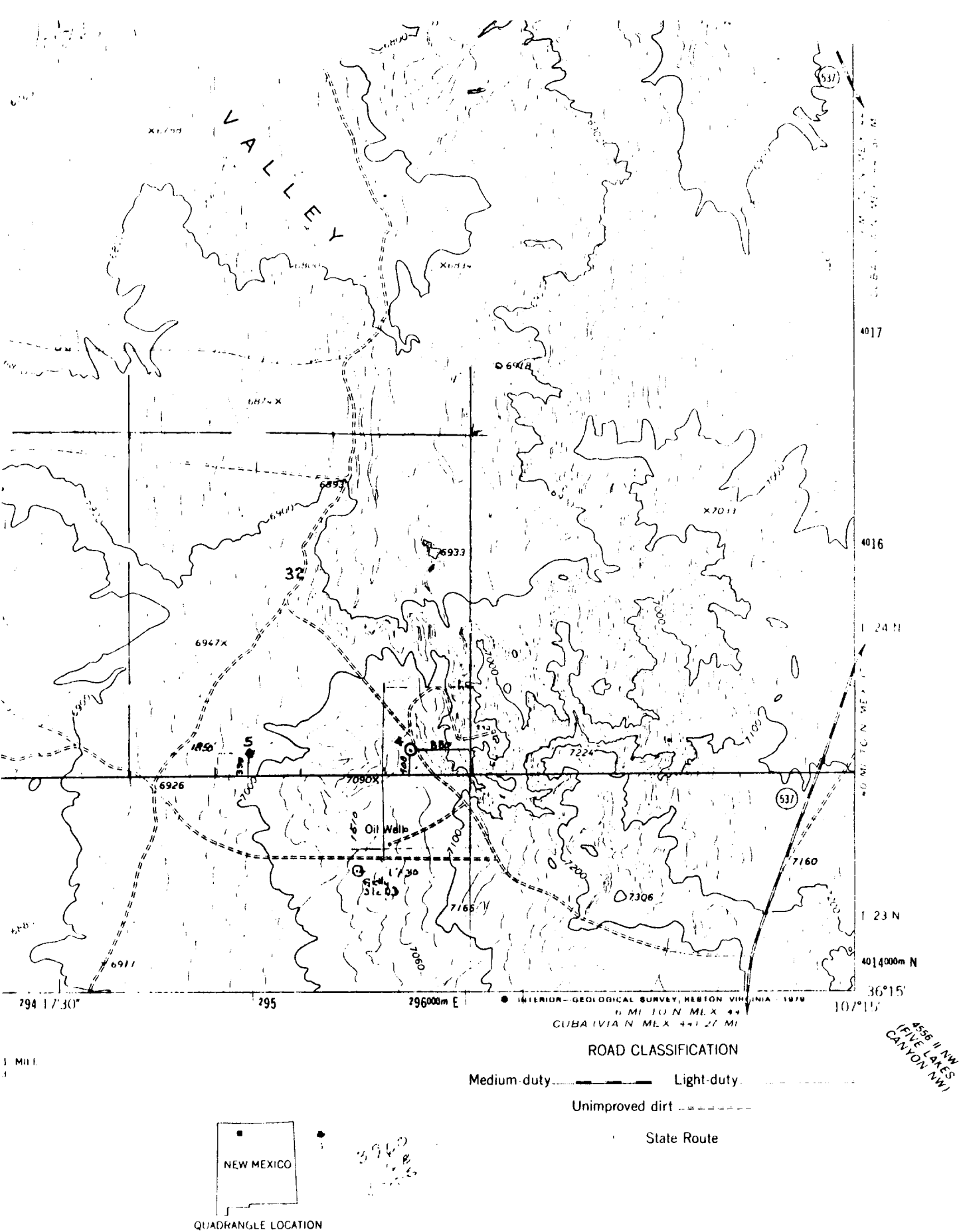
CERTIFICATION

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

Name: Harold W. Hodge  
Position: President  
Company: Hodge Construction  
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.

25  
Date: Aug 21 1985  
Registered Professional Land Surveyor and/or Land Surveyor  
Curtis E. Stocking  
Certificate No. AMIS 5080



VICINITY MAP  
 Well Location in SE/4 SW/4 of Sec. 32  
 T24N, R4W, N.M.P.M., Rio Arriba County  
 New Mexico

Scale: 1" = 2000'