

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

Hondo Oil and Gas Company

3. ADDRESS OF OPERATOR

P.O. Box 1610 - Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

2130' FSL & 710' FEL (Unit letter I)

At proposed prod. zone

same as above

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

7 miles southeast of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 510' FNL

19. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

N/A

16. NO. OF ACRES IN LEASE

240

19. PROPOSED DEPTH

8700'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

GR 3732.3'

22. APPROX. DATE WORK WILL START\*

As soon as permit  
is approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48# H-40	620'	650 sx Circ
12-1/4"	9-5/8"	36# K-55	2150'	800 sx Circ
8-3/4"	5-1/2"	15.5# K-55	8700'	1700 sx TOC @ 1500'
		17# K-55		

Propose to drill a Tamano (Bone Springs) development well and test for commercial production.

Blowout Preventer Program attached.

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 Drilling Engineer

DATE 03/25/86

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*[Signature]*  
Area Manager

TITLE

DATE

4-16-86

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

\*See Instructions On Reverse Side

**N MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

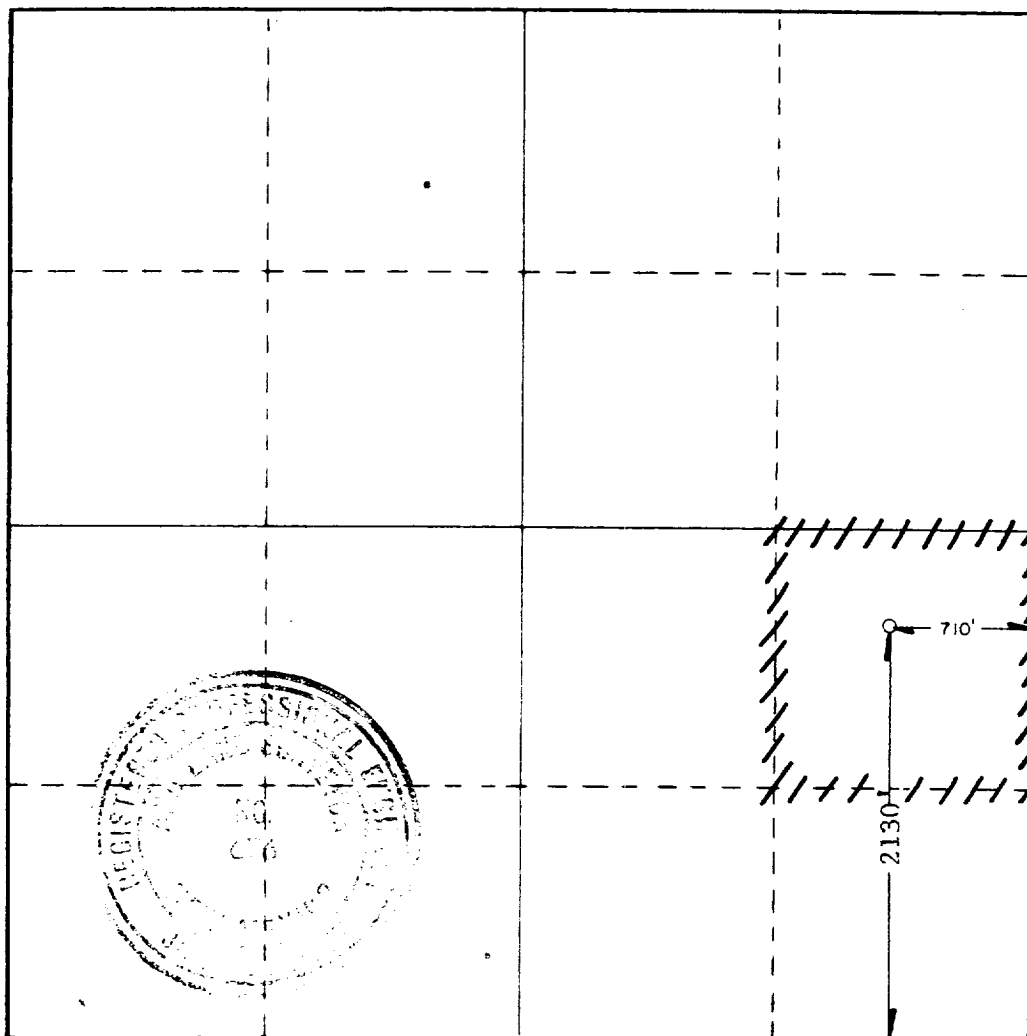
Operator <b>HONDO OIL &amp; GAS COMPANY</b>			Lease <b>WILMAR FEDERAL</b>		Well No. <b>1</b>
Unit Letter <b>I</b>	Section <b>4</b>	Township <b>18 SOUTH</b>	Range <b>31 EAST</b>	County <b>EDDY</b>	
Actual Footage Location of Well: *					
<b>2130</b> feet from the <b>SOUTH</b> line and		<b>710</b> feet from the <b>EAST</b> line			
Ground Level Elev. <b>3732.3'</b>	Producing Formation <b>Bone Springs</b>	Pool <b>Tamano 71. 24. 7 BS</b>	Dedicated Acreage: <b>40</b> 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

*James D. Ray*

Position

**Drilling Engineer**

Company **ARCO Oil & Gas Co.**

**Div. of Atlantic Richfield Co.**

Date

**03/25/86**

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.

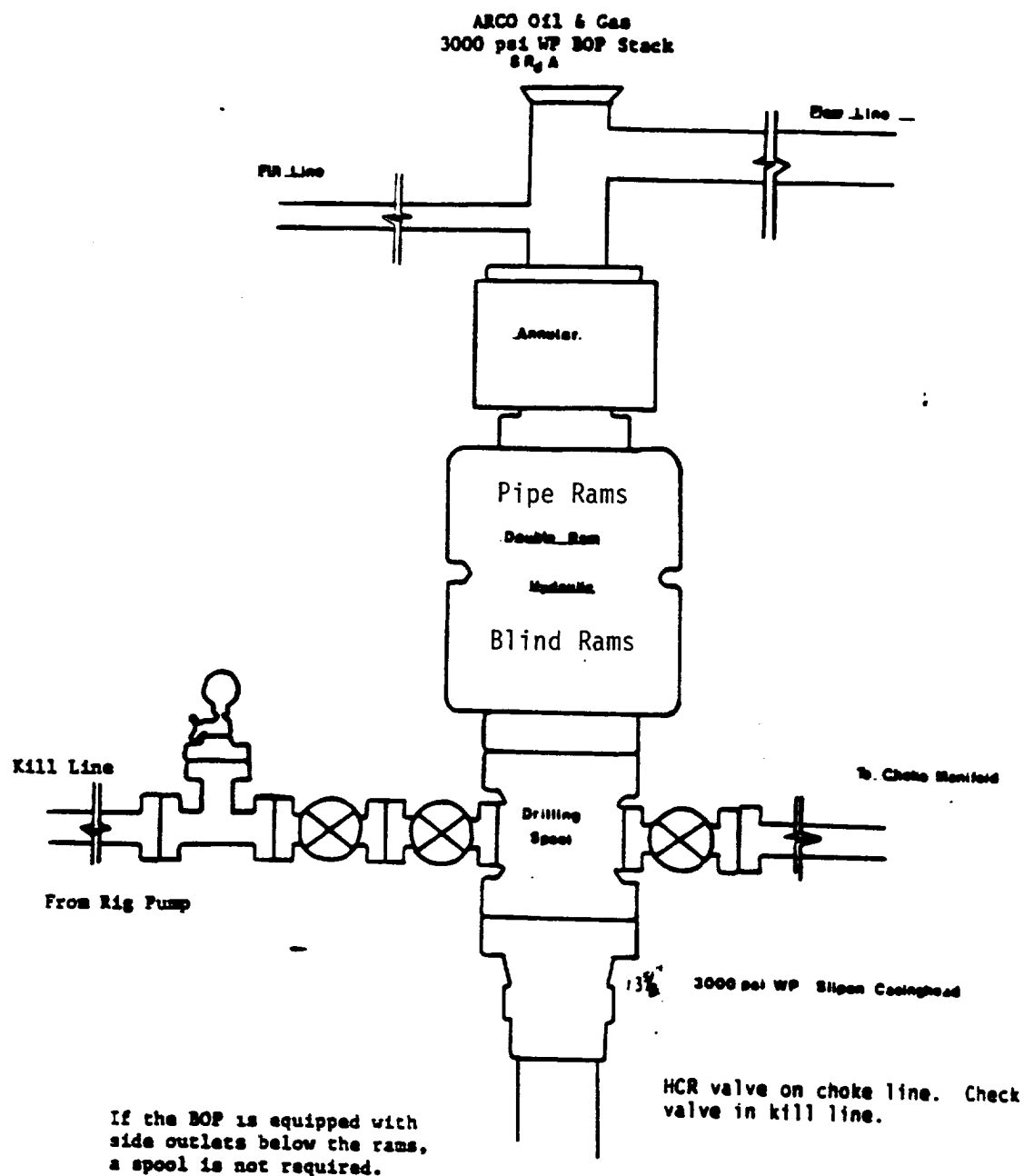
Date Surveyed

**JANUARY 22, 1986**

Registered Professional Engineer  
and/or Land Surveyor

*John W. West*

Certificate No **JOHN W. WEST, 676**  
**RONALD J. EIDSON, 3239**



ARCO Oil & Gas Company  
Division of Atlantic Richfield Company  
Blow Out Preventer Program

MEZ 1/85

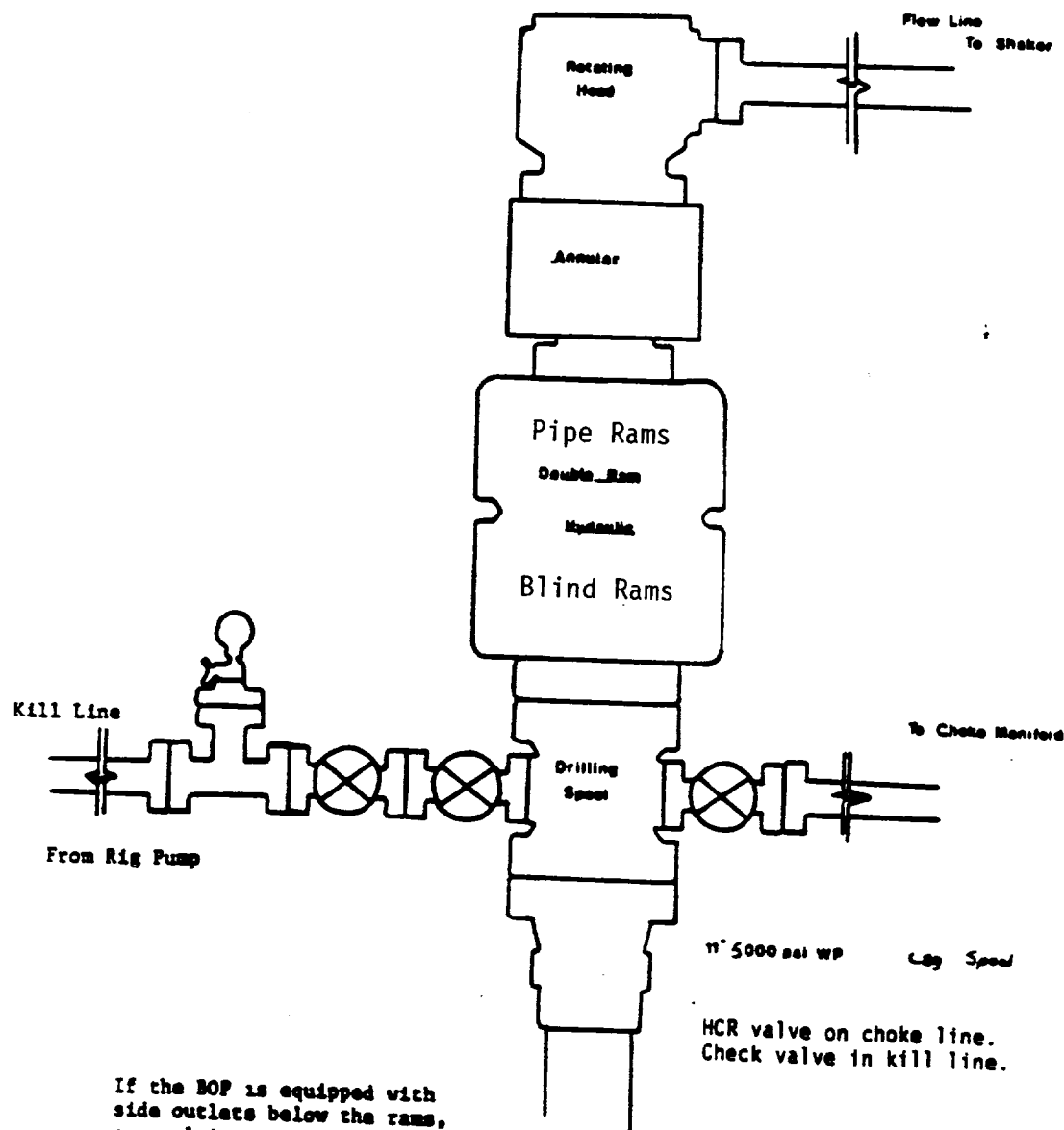
Lease Name Wilmar Federal

Well No. #1

Location 2130' FSL & 710' FEL, Sec 4,  
T-18-S, R-31-E, Eddy County, NM

BOP to be tested when installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.

ARCO Oil & Gas  
5700 psi WP BOP Stack  
S<sub>1</sub>, A<sub>2</sub>



If the BOP is equipped with side outlets below the rams, a spool is not required.

ARCO Oil & Gas Company

Division of Atlantic Richfield Company

Blow Out Preventer Program

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ARCO Oil & Gas  
5000psi WP Choke Manifold

