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|  |  | GICAL SURV                            |  |   |                            |                             | NM 15433   | AND SERIAL NO.  |  |
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| Ia. TYPE OF WORK   | RILL 🛛   | DEEPEN                                |  |   | UG BAG                     |                             | 7. UNIT AGREEMENT N.<br>NE Lovina  | AME             |  |
| OIL TV   | GAS OTHER  | <b>1</b> 11                           |  |   | MULTIP<br>ZONJ             |                             | E. FARM OR LEASE NAM   | fE              |  |
| Pogo Produci   |  | · · · · · · · · · · · · · · · · · · · |  |   |                            |                             | 9. WELL NO.  |                 |  |
|  | 40 Midland, Tex  | as 7,9702                             | MAR  | 07 198 <b>3</b>                             |                            |                             | J<br>10. FIELD AND POOL, O   | R WILDCAT       |  |
|  | Report location clearly and<br>90' FEL<br>one                |                                       | Ο.   | tate requiren<br>C. D.<br>A, OFFIC <b>E</b> | ients.•)                   | ⊃ X                         | Loving Cherr<br><sup>11. SEC., T., R., M., OB H<br/>AND SURVEY OB AR<br/>Sec. 9, T-23-</sup> | EA              |  |
|  | AND DIRECTION FROM NEAR                                      | EST TOWN OR POS                       | T OFFICE                                   | *   |                            |                             | 12. COUNTY OR PARISH   | 13. STATE       |  |
| 2 miles Nort   | h of Loving, New   | Mexico                                | 1 16 NO                                    | . OF ACRES I                                | N IFASE                    | 17 80 6                     | Eddy   | New Mexico      |  |
| LOCATION TO NEAREST<br>PROPERTY OF LEASE LINE, FT.<br>(Also to nearest drig, unit line, if any) 660                      |  |                                       | 360 10. 10. 10. 10. 10. 10. 10. 10. 10. 10 |   |                            | то та                       | HIS WELL   |                 |  |
| 18. DISTANCE FROM PROFOSED LOCATION*<br>TO NEAREST WELL, DRILLING, COMPLETED,<br>OR APPLIED FOR, ON THIS LEASE, FT. 1226 |  |                                       |  |   |                            |                             | ary or cable tools<br>tary   |                 |  |
| 21. ELEVATIONS (Show w<br>3044.8 GR  | hether DF, RT, GR, etc.)                                     |                                       |  |   |                            |                             | 22. APPROX. DATE WO<br>March 15, 1   |                 |  |
| 23.  | Р  | ROPOSED CASI                          | NG AND                                     | CEMENTIN                                    | G PROGRA                   | M                           |  |                 |  |
| SIZE OF HOLE   | SIZE OF CASING   | WEIGHT PER F                          | тоот                                       | SETTING                                     | DEPTH                      |                             | QUANTITY OF CEMEN  | 'r              |  |
| 12 1/4   | 8 5/8  | 24                                    |  | 440   |                            | 350 sxs CIRCULATE           |  |                 |  |
| 7 7/8  | 5 1/2  | 14                                    |  | 4400  |                            |                             | 1200 sxs CIRCUL  |                 |  |
|  |  |                                       |  |   |                            |                             |  |                 |  |

Proposal is to drill a well to test the Delaware formation. Cement will be circulated to the surface on the 8 5/8" and 5 1/2" casing strings. Completion or abandonment will be performed in accordance with prudent practices and MMS regulatory requirements.

Casing head gas is dedicated.

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED FEB 7 1983 OIL & CAS MINERALS LIGHT, SERVICE

ROSWELL, NEW MEXICO

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.<br>SIGNED Miniliamo  | TITLE Division Operations    | Manager Date 2/3/83 |
|--|------------------------------|---------------------|
| (This space for Federal or State office use) PERMIT NO. | APPROVAL DATE                | Man 6 g             |
| APP OVED BY  | TITLE                        | DATE TRANK 2        |
| JAMES A. GILLHAM<br>DISTRICT SUPERVISOR*See  | Instructions On Reverse Side | Carbon, I,          |

## NUM MEXICO CIL CONSERVATION COMMIS ON VELL LOCATION AND ACPEAGE DEDICATION RECEIVED

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| P   | 9   | 23 SOUT           | 1                              | SBEAST  |                  | ECDY   |  |
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| 660   | feet from the S                               | CUTH              | ine and                        | 690   | feet fr. : the   | EAST   |  |
| Ground Lave. Elev.                              | Producing Fo                                  | amaticn.          | Fool                           |   |                  |  | Dedicated America  |
| 3044 8  | Cherry  | Canyon            |                                | Loying Che  |                  |  | 40   |
| 1. Outline the                                  | acreage dedic                                 | ated to the subj  | ject well by                   | colored pen   | cil or hachu     | re marks on th   | ne plat below.   |
| interest and<br>3. If more than<br>dated by con | royalty).<br>one lease of o<br>omunitization, |                   | hip is dedica<br>e-pooling. et | ated to the w<br>c?                                 | ell, have th     |  | all owners been on a   |
| this form if r<br>No a lowable                  | will be assign                                | red to the well u | ntil all inter                 | ests have be  | en consolid      | ated (by com   | nunitization, unitization, approved by the Community   |
| [   | 1   |                   |                                | ł   |                  | Ī  | CERTIFICATION  |
|   |   |                   |                                |   | SUNETON          | toined he<br>best of my<br>North<br>B.J. Wi<br>Fosilian<br>Division<br>Congany<br>Pogo Pro | ertify that the information is true and complete to the<br>whowledge and belief<br>Multians<br><u>Dependions Manager</u><br><u>Doducing Company</u><br>y 3, 1983 |
|   |   |                   |                                |   | 890'             | shown on<br>notes of u<br>under my<br>is true a<br>knowledge<br>2/1<br>Date Survey         | refessional Ergineer   |
|   |   |                   |                                | <u> </u>  | 11110            | Cértificate N  | no   |

## APPLICATION FOR DRILLING

Pogo Producing Company

NEL No. 3

## Eddy County, New Mexico

In conjunction with permitting the captioned well for drilling in Section 9, T-23-S, R-28-E, Eddy County, New Mexico, Pogo Producing Company submits the following information in accordance with U.S.G.S. (NTL-6) letter dated July 1, 1976:

1. The surface formation is Quaternary Sand and gravel.

2. Estimated tops of geologic markers as follows:

| Triassic Red Beds  | - | 575'          |
|--------------------|---|---------------|
| Rustler Anhydrite  | - | 105 <b>0'</b> |
| Delaware Limestone | - | 2570'         |
| Bell Canyon        | - | 2595'         |
| Cherry Canyon      | - | 3560'         |

- 3. The depth at which oil, gas or water is expected is: 3560'.
- 4. Casing Program and Cement:

All casing is new.

8 5/8"-24.0# K-55 STC @ 440' w/350 sxs Cl C w/2% CaCl plus ½# flocele per sk. 5 1/2"-14.0# K-55 STC @ 4400' w/900 sxs Lt w/½# flocele plus 5# gilsonite per sk plus 300 sxs Cl C Neat.

5. Blowout Preventers:

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From 440' to 4400' - 3000# WP, 6000# Test.

6. Circulating Medium:

An earthen pit will be used to hold drilling fluids and cuttings. The drilling mud program is as follows:

Natural mud to 440'. Seepage will be controlled by paper. Brine water to 4400' with a viscous sweep prior to logging and running casing.

- 7. No cores or DST's are planned.
- 8. Ten foot samples of cuttings will be caught from the base of the surface pipe (440') to total depth.
- 9. Adequate electrical and resistivity logs will be run from total depth to the base of the surface casing at 440', the gamma ray will be run to the surface.

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EXHIBIT C Pogo Producing Company NEL No. 3 660' FSL & 890' FEL Section 9, T-23-S, R-28-E Eddy County, New Mexico i



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BOP STACK

BOP ARRANGEMENT