

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APR - 6 1995

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN  
OIL CON. DIV.

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> DIST. 2		5. LEASE DESIGNATION AND SERIAL NO. NM 89168	
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 Enron Oil & Gas Company 7377		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P. O. Box 2267, Midland, Texas 79702 (915) 686-3714		8. FARM OR LEASE NAME, WELL NO. Matter 16946	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2310' FSL & 480' FWL At proposed prod. zone 2310' FSL & 480' FWL Unit (L)		9. API WELL NO. 30-015-28439	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 4-1/2 miles SE from Loco Hills		10. FIELD AND POOL, OR WILDCAT Loco Hills Queen Grbg SA	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 330		11. SEC. T. R. & OR BLK. AND SURVEY OR AREA Sec 1, T18S, R30E	
16. NO. OF ACRES IN LEASE 80		12. COUNTY OR PARISH Eddy	
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. None		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3540' GR		22. APPROX. DATE WORK WILL START April 1995	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11	8-5/8 J-55 LT&C	24#	700	175 sx C1 C CIRCULATED
7-7/8	5-1/2 J-55 LT&C	14#	4000	400 C1 H, 200 C1 C CIRCULATED

The Undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on leased land or portions thereof as shown below:

NM 89168  
Sec 1, T18S, R30E  
Eddy County, NM  
Queen Grbg SA Formation  
Federal Bond # is MT 0748 with  
endorsement to New Mexico



Post ID-1  
4-14-95  
New Mexico  
API

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Betty Gildon TITLE Regulatory Analyst DATE 2/27/95  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY: **APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED**

APPROVED BY Timothy P. O'Brien TITLE Acting DATE APR 4 1995

\*See Instructions On Reverse Side

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <b>NM 89168</b>
2. Name of Operator <b>Enron Oil &amp; Gas Company</b>	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. <b>P. O. Box 2267, Midland, Texas 79702</b>	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>2310' FSL &amp; 480' FWL Sec 1, T18S, R30E</b>	8. Well Name and No. <b>Matter 1 Federal #1</b>
	9. API Well No.
	10. Field and Pool, or Exploratory Area <b>Loco Hills Queen Grbg SA</b>
	11. County or Parish, State <b>Eddy County, NM</b>

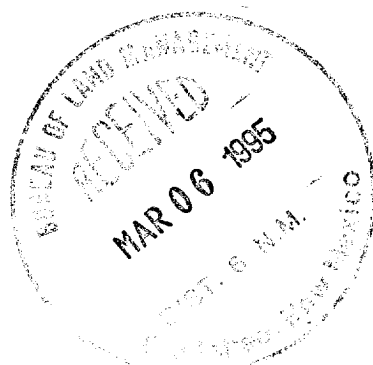
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <b>Change Lease Name</b>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change lease name from Ninety-Nine 1 Federal #3 to Matter 1 Federal #1 (NM 89168) - different lease from (LC 047633(b)). Original Application for Permit To Drill submitted to BLM on 2-27-95.



14. I hereby certify that the foregoing is true and correct

Signed Betty Gildon Title Regulatory Analyst Date 3/3/95

(This space for Federal or State office use)

Approved by [Signature] Title Acting Date APR 4 1995

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-28439</b>		Pool Code <b>39520</b>	Pool Name <b>Loco Hills Queen Grayburg San Andres</b>
Property Code <b>7377</b>	Property Name <b>Matter</b> <del>NINETY-NINE</del> FEDERAL 1 <b>SSS</b>		Well Number <b>41</b>
OGRID No.	Operator Name <b>ENRON OIL &amp; GAS COMPANY</b>		Elevation <b>3540'</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	1	18-S	30-E		2310	SOUTH	480	WEST	EDDY

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres <b>40</b>		Joint or Infill		Consolidation Code		Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div>16</div> <div>480'</div> <div>2310'</div>				<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <div></div> <div>Signature</div> <div>Betty Gildon</div> <div>Printed Name</div> <div>Regulatory Analyst</div> <div>Title</div> <div>2/23/95</div> <div>Date</div>	
				<div>18 SURVEYOR CERTIFICATION</div> <p>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 best of my belief.</p> <div>FEBRUARY 17, 1995</div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor</div> <div></div> <div></div> <div>Certificate Number</div> <div>8278</div>	

Enron Oil & Gas Company  
Ninety-Nine "1" Federal #3  
2310' FSL & 480' FWL  
Sec. 1, T18S, R30E  
Eddy County, New Mexico

4. Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>OD csg</u>	<u>Weight Grade Jt. Cond. Type</u>
11	0- 700'	8-5/8	24# J-55 LT&C
7-7/8	0- 4000'	5-1/2	14# J-55 LT&C

Cementing Program:

8-5/8" Surface casing: Cement to surface with 175 sx of Class C  
+ 2% CaCl<sub>2</sub> + 1/4#/sx flocele.

5-1/2" Prod. Casing: Cement with 400 sx 50/50 Cl H/Poz + 2% Gel + .4%  
Halad-9, + 200 sx Cl C & 2% CaCl<sub>2</sub>. This cement  
slurry is designed to bring TOC to Surface.

5. Minimum Specifications for Pressure Control:

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram-type (3000 psi WP) preventer and an annular preventer (3000 psi WP). Units will be hydraulically operated and the ram-type will be equipped with blind rams on top and drill pipe rams on bottom. All will be installed on the 11-3/4" surface casing and used continuously until TD is reached. All BOP's and accessory equipment will be tested to 600 psi before drilling out of surface casing. Before drilling out of intermediate casing, the ram-type BOP and accessory equipment will be tested to 3000 psi and the annular to 70% of rated working pressure (2100 psi).

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. A 2" kill line and 4" choke line will be included in the drilling spool located below the ram-type BOP. Other accessories to the BOP equipment will include a kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold with 3000 psi WP rating.

ENRON OIL & GAS COMPANY  
Ninety-Nine 1 Federal #3

ATTACHMENT

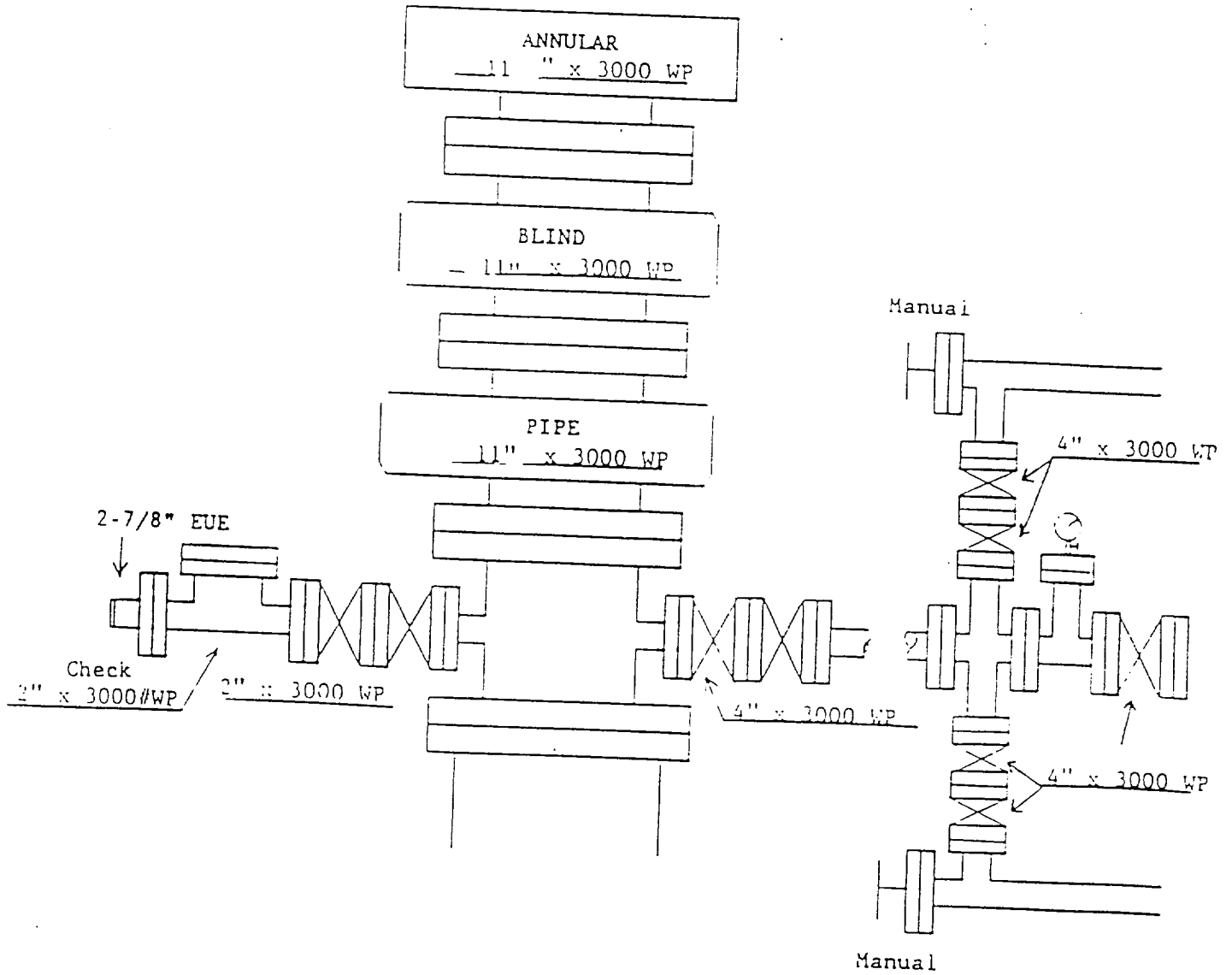


EXHIBIT #1