

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-101  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

APR 09 1997

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address ELK OIL COMPANY Post Office Box 310 Roswell, New Mexico 88202-0310		OGRID Number 007147
Property Code 3963		Property Name Celtic State
		Well No. 6

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
C	13	8S	27E		330	FNL	1650	FWL	Chaves

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Southeast Acme San Andres 800					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary Rotary	Lease Type Code S	Gross Level Elevation 3937'
Multiple No	Proposed Depth 2400'	Formation San Andres	Contractor United Drilling	Spud Date 04/15/97

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	450'	350 sxs	Circulate 18' woc
7 7/8"	5 1/2"	17#	2400'	200 sxs	1500'

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

BLOWOUT PREVENTION PROGRAM  
SEE ATTACHED

This acreage is not dedicated to Gas Market.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. **ELK OIL COMPANY**

Signature:

Printed name:

Title:

Date:

April 8, 1997

Phone:

(505)623-3190

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval:

Attached ☐

Expiration Date:

4-9-97

4-9-98

# C-101 Instructions

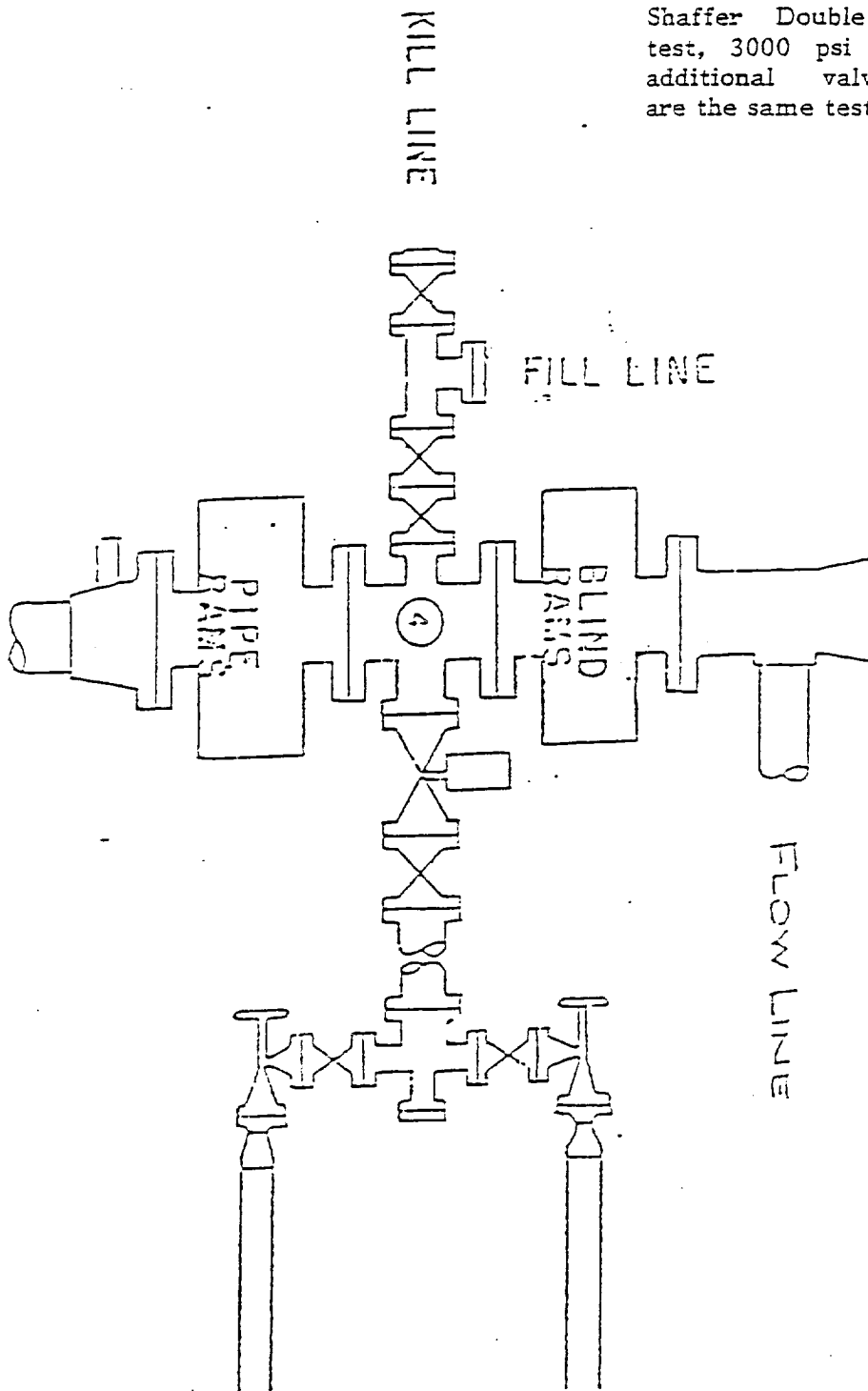
Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABLED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

- |          |  |                             |  |
|----------|--|-----------------------------|--|
| 1        | Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.  | 18                          | Geologic formation at TD   |
| 2        | Operator's name and address  | 19                          | Name of the intended drilling company if known.  |
| 3        | API number of this well. If this is a new drill the OCD will assign the number and fill this in.   | 20                          | Anticipated spud date.   |
| 4        | Property code. If this is a new property the OCD will assign the number and fill it in.  | 21                          | Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement |
| 5        | Property name that used to be called 'well name'   | 22                          | Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.   |
| 6        | The number of this well on the property.   | 23                          | The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.                   |
| 7        | The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter. |                             |  |
| 8        | The proposed bottom hole location of this well at TD   |                             |  |
| 9 and 10 | The proposed pool(s) to which this well is being drilled.  |                             |  |
| 11       | Work type code from the following table:   |                             |  |
|          | N  | New well                    |  |
|          | E  | Re-entry                    |  |
|          | D  | Drill deeper                |  |
|          | P  | Plugback                    |  |
|          | A  | Add a zone                  |  |
| 12       | Well type code from the following table:   |                             |  |
|          | O  | Single oil completion       |  |
|          | G  | Single gas completion       |  |
|          | M  | Mutiple completion          |  |
|          | I  | Injection well              |  |
|          | S  | SWD well                    |  |
|          | W  | Water supply well           |  |
|          | C  | Carbon dioxide well         |  |
| 13       | Cable or rotary drilling code  |                             |  |
|          | C  | Propose to cable tool drill |  |
|          | R  | Propose to rotary drill     |  |
| 14       | Lease type code from the following table:  |                             |  |
|          | F  | Federal                     |  |
|          | S  | State                       |  |
|          | P  | Private                     |  |
|          | N  | Navajo                      |  |
|          | J  | Jicarilla                   |  |
|          | U  | Ute                         |  |
|          | I  | Other Indian tribe          |  |
| 15       | Ground level elevation above sea level   |                             |  |
| 16       | Intend to mutiple complete? Yes or No  |                             |  |
| 17       | Proposed total depth of this well  |                             |  |

## BLOWOUT PREVENTER SPECIFICATION

BOP's are 10" Series 900 Type "E" Shaffer Double Hydraulic 6000 PSI test, 3000 psi working pressure. All additional valves and connections are the same test and working pressures.



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District IV  
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

APN Number		Pool Code	Pool Name <b>Southeast Acme San Andres</b>
Property Code	Property Name <b>CELTIC STATE</b>		Well Number <b>6</b>
OXRID No. <b>007147</b>	Operator Name <b>ELK OIL</b>		Elevation <b>3937</b>

10 Surface Location

UL or lot no. <b>C</b>	Section <b>13</b>	Township <b>8S.</b>	Range <b>27E</b>	Lot Idn	Feet from the <b>330</b>	North/South line <b>FNL</b>	Feet from the <b>1650</b>	East/West line <b>FWL</b>	County <b>CHAVES</b>
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11 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 In/In		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

16	330'		
1650'			
SECTION 13, T.8S.R.27E., NMPM			
<b>ELK OIL COMPANY</b> <b>STATE OF NEW MEXICO LEASE NO. VB-0110</b>			

**17 OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  
**ELK OIL COMPANY**

Signature  
**Joseph J. Kelly**  
Printed Name  
**President**  
Title  
**April 8, 1997**  
Date

**18 SURVEYOR CERTIFICATION**  
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 belief.  
**9/13/95**  
Date of Survey  
Signature and Seal of Professional Surveyor  
**THOMAS D. RAINO, JR.**  
**STATE OF NEW MEXICO**  
**17816**  
Certificate Number  
**NMPS-1256**