

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. First Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd, Artesia, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
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

AMENDED REPORT

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

1 Operator Name and Address ELK OIL COMPANY P.O. BOX 310 ROSWELL, NEW MEXICO 88202-0310		2 OGRID Number 7147
3 API Number 30-005-63644		4 Property Code
5 Property Name Z-28 State Unit		6 Well No. 1

7 Surface Location									
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
A	11	10S	26E		660	North	660	East	Chaves

8 Proposed Bottom Hole Location If Different From					
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the
9 Proposed Pool 1 Undesignated Foor Ranch Pre-Permian					

Cement to cover all oil, gas and water bearing zones.

11 Work Type Code N	12 Well Type Code G	13 Cable/Rotary R	14 Lease Type Code S	15 Ground Level Elevation 3893'
16 Multiple	17 Proposed Depth 6600'	18 Formation Fusselman	19 Contractor Patterson	20 Spud Date 3/25/04


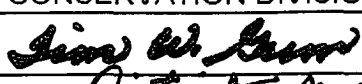
21 Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	1050'	700 SXS	Circulate Surface
7 7/8"	5 1/2"	15# & 17#	6600'	600 SXS	4700'

22. 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.

Propose to drill and test the Fusselman and Intermediate formations.
If commercial, production casing will be run and cemented.
We will perforate and stimulate as needed for production.

MUD PROGRAM: 0-1050' FW/Gel/Paper/LCM: 1050-4400' Brine: 4400-6800' Starch/Salt Gel.
BOP PROGRAM: See Attached.
No H2S anticipated at this location.
Cover all oil, gas and water zones.

RECEIVED
FEB 24 2004
OCD-ARTESIA

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: 		Approved By: 	
Printed name: JOSEPH J. KELLY		Title: District Supervisor	
Title: PRESIDENT		Approval Date: FEB 24 2004	
Date: 2/23/04		Expiration Date: FEB 24 2005	
Phone: 505-623-3190		Conditions of Approval: Attached	

NOTIFY OCD SPUD & TIME
TO WITNESS 8 5/8" CASING

Patterson-UTI Drilling Company

Rig # 478

11,500'

DRAWWORKS

Wilson 75

ENGINES

2 Cat D-3406-TA 750HP

DERRICK

Wilson 131", 344,000# hook load w/10 lines

SUBSTRUCTURE

13'5" w/10.5' clear height to rotary beam

MUD PUMPS

2-Ellis Williams 600 w/Cat D-353-TA 450HP max

DRILL STRING

4 1/2" 16.60# Grade E w/4 1/2" XH connections

BLOWOUT PREVENTERS

Shaffer LWS 11" 3000 psi double ram w/(2) 4" openings below-rams. Shaffer 11" 3000 psi annular

MUD SYSTEM

MUD HOUSE

COMMUNICATIONS

24 hour direct cellular telephone

OTHER EQUIPMENT

Blocks. McKissick 536, 250 ton 5 sheave 1" line

Hook. National 200 ton

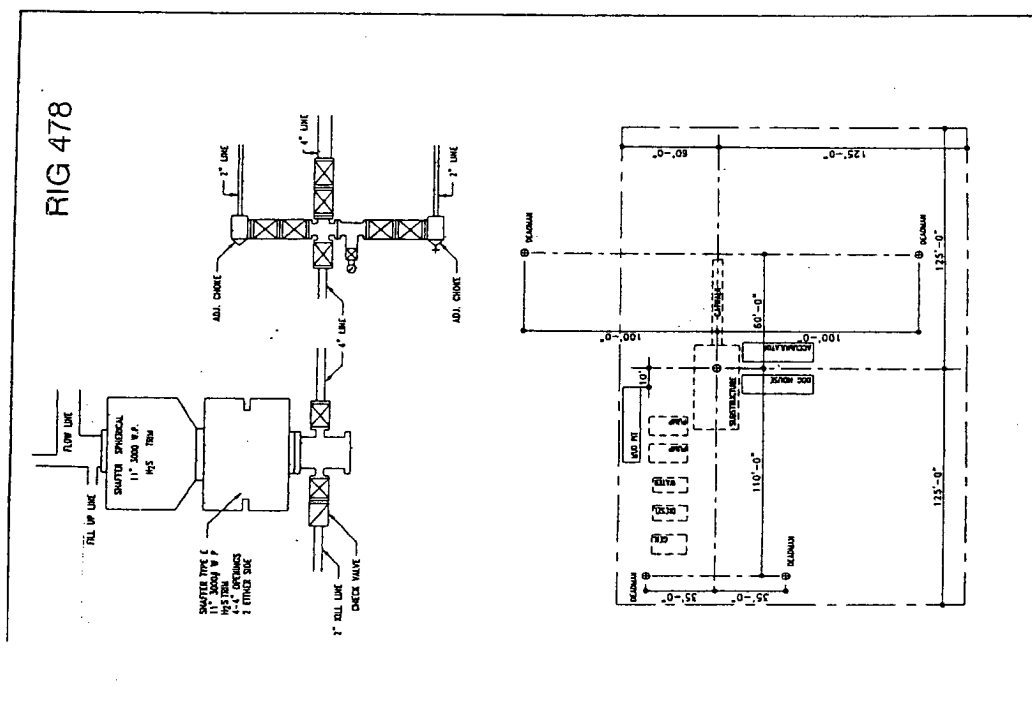
Swivel. Gardner-Denver, SW 200 ton

Rotary Table.

Electrical Power. 2 - 165 KW AC generators powered by Catapillar D-3306 TC engines

Fresh Water Storage. Housing. 420 bbl tank w/80 bbl oil compartment

"Hole Requirements will dictate actual Reserve Pit size (TOOLPUSHER SHOULD BE CONSULTED)"



District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
Property Code	Z - 28 State Unit		Well Number 1
OGRID No.	Elk Oil		Elevation 3893

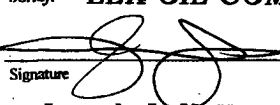
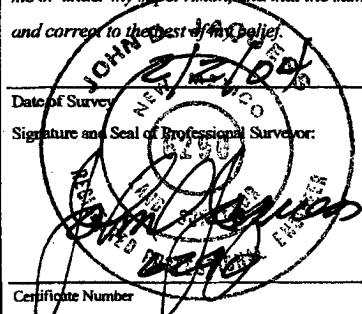
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	11	10S	26E		660	North	660	East	Chaves

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 320		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

¹⁶ STATE OF NEW MEXICO LEASE NO. VO-5576				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 and E-mail Address 02/23/04 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.  Date of Survey Signature and Seal of Professional Surveyor Certificate Number	
RECEIVED FEB 24 2004 OCD-ARTESIA					