

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Revised February 10, 1994

Form C-101

Instructions On Back

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87504-2088

RECEIVED

DEC 29 2004

OLD ARTESIA

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 30-005-63719		4 Well No. 2
4 Property Code	5 Property Name Z-28 State Unit	

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
M	24	10S	26E		660	South	660	West	Chaves

8 Proposed 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
9 Proposed Pool 1					10 Proposed Pool 2				

11 Work Type Code N	12 Well Type Code G	13 Cable/Rotary R	14 Lease Type Code S	15 Ground Level Elevation 3710'
16 Multiple	17 Proposed Depth 6700'	18 Formation Fusselman	19 Contractor Patterson	20 Spud Date 01/15/05

21 Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1 1/4"	11 3/4"	42#	450'	450 SXS	Circulate
12 1 1/4"	8 5/8"	24#	1400'	600 SXS	Circulate
7 7/8"	5 1/2"	15# & 17#	6700'	650 SXS	Circulate

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 - 450' FW Gel/Native Mud; 450'-1400' FW Gel/Paper/LCM; 1400'- 4400' Brine; 4400'-TD Starch/Salt Gel.

BOP PROGRAM: See Attached.

No H2S anticipated at this location.

Cover all oil, gas and water zones.

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		TIM W. GUM	
Title: PRESIDENT		DISTRICT II SUPERVISOR	
Date: 12/27/04		Approval Date: JAN 03 2005	
Phone: 505-623-3190		Expiration Date: JAN 03 2006	
		Conditions of Approval: Attached	

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)"

