

State of New Mexico

Form C-101

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

Energy, Minerals & Natural Resources Department

Revised February 10, 1994

Instructions On Back

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87504-2088

RECEIVED

MAR 17 2005

OCD-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
4 Property Code 33536	5 Property Name Z-28 State Unit	3 API Number 30-005-63744
		6 Well No. 3

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
E	24	10 South	26 East		1650	North	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 Comanche Spring Pre-Permian 75015					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 3721'
16 Multiple	17 Proposed Depth 6700'	18 Formation Fusselman	19 Contractor Patterson	20 Spud Date 4/1/2005

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/4"	11 3/4"	42#	450'	450 SXS	Circulate
12 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.

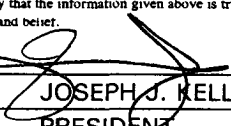
MUD PROGRAM: 0 - 450' FW Gel/Native Mud; 450'-1400' FW Gel/Paper/LCM; 1400'- 4400' Brine;
4400'-TD Starch/Salt Gel.

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.

Signature: 
Printed name: JOSEPH J. KELLY
Title: PRESIDENT
Date: 3/16/2005
Phone: 505-623-3190

OIL CONSERVATION DIVISION

Approved By:

TIM W. GUM

Title:

DISTRICT II SUPERVISOR

Approval Date:

MAR 21 2005

Expires:

MAR 21 2006

Conditions of Approval:

Attached

NOTIFY OCD TO WITNESS
ALL CASING STRINGS

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
June 1, 2004

For drilling and production facilities, submit to
appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe
office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: <u>Elk Oil Company</u> Telephone: <u>505-623-3190</u> e-mail address: <u>elkoil@pvtn.net</u>		
Address: <u>Post Office Box 310, Roswell, New Mexico 88202-0310</u>		
Facility or well name: <u>Z-28 State Unit #3</u> API #: <u>30-005-43744</u> U L or Qtr/Qtr <u>E</u> Sec <u>24</u> T <u>10S</u> R <u>26E</u>		
County: <u>Chaves</u> Latitude _____ Longitude _____ NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
Pit		
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume _____ bbl		
Below-grade tank		
Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: _____		
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)
Ranking Score (Total Points)		-0-

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility: _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒ a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 03/16/05

Printed Name/Title: ELK OIL COMPANY
Joseph J. Kelly, President

Signature: _____

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title: _____

Signature: _____

MAR 17 2005

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OIL CONSERVATION DIVISION
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Revised June 10, 2003
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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code		Pool Name <i>Comanche Spring Pre-Permian</i>	
Property Code		Property Name <i>Z-28 STATE UNIT</i>			Well Number <i>3</i>
OGRID No. <i>7147</i>		Operator Name <i>ELK OIL</i>			Elevation <i>3721</i>

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
<i>E</i>	<i>24</i>	<i>10S</i>	<i>26E</i>		<i>1650</i>	<i>NORTH</i>	<i>660</i>	<i>WEST</i>	<i>CHAVES</i>

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 <i>320</i>	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 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>ELK OIL COMPANY</i> Signature <i>Joseph J. Kelly</i> Printed Name <i>President</i> Title and E-mail Address <i>03/16/05</i> 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. <i>3-15-05</i> Date of Survey Signature and Seal of Professional Surveyor <i>8675</i> Certificate Number			

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)"

