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Form O-105  
Revised 11-81

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FEB 11 1982

1. Indicate Type of Lease  
Date ☒ Fee ☐  
2. State Well & Lease No.  
L-6907-1

a. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

DRY ☐

OTHER ☐

O. C. D.  
ARTESIA, OFFICE

b. TYPE OF COMPLETION

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

OTHER ☐

c. Name of Operator

ELK OIL COMPANY /

d. Address of Operator

P. O. BOX 310, ROSWELL, NEW MEXICO 88201

e. Location of Well

NIT LETTER C LOCATED 990 FEET FROM THE North LINE AND 1980 FEET FROM

ME West LINE OF SEC. 19 TWP. 9S RGE. 27E NMPM

County  
Chaves

5. Date Spudded 12/30/81 16. Date T.D. Reached 1/16/82 17. Date Compl. (Ready to Prod.) 2/8/82 18. Elevations (DF, RKB, RT, GR, etc.) 3809 Gr 19. Elev. Casinghead 3811

20. Total Depth 5200 21. Plug Back T.D. 5160 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools X Cable Tools

4. Producing Interval(s), of this completion - Top, Bottom, Name 4899-4943 Abo 25. Was Directional Survey Made Yes

6. Type Electric and Other Logs Run Schlumberger FDC/CNL;DLL 27. Was Well Cored No

8. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	964	12	600 SX	None
4 1/2	11.6	5200	7 7/8	300 SX	None

9. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 3/8	4840
						PACKER SET
						No

1. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4899, 4900, 01, 02, 03, 04, 05, 06, 07, 08, 09, 4941, 32, 33, 1/2", 14 holes 4941 42 43				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
				4899-4943	1500 gal 15% NE
				4899-4943	24,000 gal gel water, 24,500# 20-40 sd; 12,500# 10-20 sd.

3. PRODUCTION  
Date First Production 1/28/82 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Shut-in

Date of Test 2/8/82 Hours Tested 4 Choke Size 12/64 Prod'n. For Test Period -0- Gas - MCF 21 Water - Bbl. - Gas - Oil Ratio -  
Low Tubing Press. 800 Casing Pressure 850 Calculated 24-Hour Rate 500 Water - Bbl. - Oil Gravity - API (Corr)

4. Disposition of Gas (Sold, used for fuel, vented, etc.) Shut-in pending pipeline connection Test Witnessed By J. Kelly

5. List of Attachments 2 copies directional survey & 2 copies of logs.

6. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED J. Kelly TITLE President DATE 2/9/82

Posted ID 2  
Comp. Book  
SI  
2-26-82

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 2 years after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in triplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

## Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>1176</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qrtzite _____
T. Glorieta <u>2385</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>4555</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

## OIL OR GAS SANDS OR ZONES

No. 1, from 4899 to 4943 No. 4, from to  
No. 2, from to No. 5, from to  
No. 3, from to No. 6, from to

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet. ....

No. 2, from ..... to ..... feet. ....

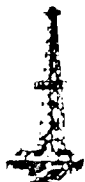
No. 3, from ..... to ..... feet. ....

No. 4, from ..... to ..... feet. ....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1176	1176	Sand, gravel, salt				
1176	2385	1209	Dolomite				
2385	4555	2170	Lime, shale, sand				
4555	5200	645	Shale, sand				

200 W. First St.



HORIZON DRILLING &  
EXPLORATION CORPORATION

Suite 225 Petroleum Bldg.  
Roswell, New Mexico 88201



623-9537

January 18, 1982

RECEIVED

FEB 11 1982

To: Elk Oil Company

Subject: VIKING STATE COMMON #1

O. C. D.  
ARTESIA, OFFICE

Drilled by Horizon Drilling & Exploration Corp. Rig #1

Spudded 12/30/81

T.D. 1/16/82 5200'

Deviation Surveys:

503'	$\frac{1}{2}^{\circ}$
964'	$2^{\circ}$
1160'	$1\frac{1}{2}^{\circ}$
1260'	$2^{\circ}$
1691'	$1^{\circ}$
2220'	$\frac{3}{4}^{\circ}$
3260'	$1^{\circ}$
4279'	$1\frac{1}{2}^{\circ}$
4744'	$\frac{3}{4}^{\circ}$
5200'	$1^{\circ}$

Yours truly,

H.L. McArthur, Jr.

Horizon Drilling & Explor. Corp.

Suite 225

200 West 1st. St.

Roswell, N.M. 88201

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1 / MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

DEC 30 1981

All distances must be from the outer boundaries of the Section.

Operator ELK OIL COMPANY			Lease Viking State Comm ARTESIA, OFFICE			Well No. 1		
Unit Letter C	Section 19	Township 9 South	Range 27 East	County Chaves				
Actual Footage Location of Well: 990 feet from the North line and 1980 feet from the West line								
Ground Level Elev. 3809.0'	Producing Formation Abo		Pool Undesignated Abo			Dedicated Acreage: 160 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

1980' N.M. Bank & Trust L-6854-1		990' Viking L-6907-1	
SEE ORIGINAL SURVEY BY JOHN WEST DATED 9/4/81			

## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
Joseph J. Kelly

Position  
President

Company  
Elk Oil Company

Date  
12/29/81

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 knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

