

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 208
Santa Fe, New Mexico 87504-2088

JUN 10 1991

Form C-105
Revised 1-1-89

WELL API NO.

30-005-62805

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

LG-4914

7. Lease Name or Unit Agreement Name

Runyan State Unit

8. Well No.

3

9. Pool name of Wildcat
South Palms Mesa Penn
~~Und. Poor Ranch Pre-Permian~~

1a. Type of Well:

OIL WELL ☐

GAS WELL ☒

DRY ☐

OTHER ☐

b. Type of Completion:

NEW
WELL ☒

WORK
OVER ☐

DEEPEN ☐

PLUG
BACK ☐

DIPP
RESVR ☐

OTHER ☐

2. Name of Operator

ELK OIL COMPANY

3. Address of Operator

Post Office Box 310, Roswell, New Mexico 88202-0310

4. Well Location

Unit Letter G: 1980 Feet From The North Line and 2310 Feet From The East Line

Section 29 Township 8 South Range 27 East NMPM Chaves County

10. Date Spudded

12/11/90

11. Date T.D. Reached

12/29/90

12. Date Compl. (Ready to Prod.)

6/1/91

13. Elevations (DF & RKB, RT, GR, etc.)

3915' GR

14. Elev. Casinghead

3918'

15. Total Depth

6625'

16. Plug Back T.D.

6440'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

6300-6320 Pre-Permian

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Schlumberger LDT-CNL-FR; DLL-MSFL

22. Was Well Cored

No

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	23#	1026'	12 1/4"	400 sxs Halliburton Lite	None
				and 200 sxs Class C	
5 1/2"	15.5# & 17#	6625'	7 7/8"	500 sxs Premium Plus	None
					<i>Pat ID-2</i>
					<i>7-19-91</i>

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	6192	6211

26. Perforation record (interval, size, and number)

6300-6320; 1/2" 21 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

6300-6320

1000 gals MOD 202

28.

PRODUCTION

Date First Production 2/8/91		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Shut in	
Date of Test 5/11/91	Hours Tested 4	Choke Size 20/64	Prod'n For Test Period	Oil - Bbl. -0-	Gas - MCF 70	Water - Bbl. -0-	Gas - Oil Ratio -0-
Flow Tubing Press. 150	Casing Pressure Packer	Calculated 24- Hour Rate	Oil - Bbl. -0-	Gas - MCF 420	Water - Bbl. -0-	Oil Gravity - API - (Corr.) -0-	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Shut in, waiting pipeline connection

Test Witnessed By

J. Cannon

30. List Attachments

2 copies of logs and directional survey

31. 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

Signature

Printed
Name

Joseph J. Kelly

Title

President

Date

6/7/91

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days 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 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate 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 _____ 6322'	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 _____	T. Montoya _____ 6457'	T. Mancos _____	T. McCracken _____
T. San Andres _____ 1432'	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 2576'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 4054'	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____ 4790'	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 5424'	T. _____	T. Chinle _____	T. _____
T. Penn _____ 5996'	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....
 No. 2, from.....to..... No. 4, 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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0'	1039'	1039'	Red Bed / Anhydrite				
1039'	3310'	2271'	Dolomite				
3310'	3835'	525'	Dolomite / Anhydrite				
3835'	4283'	448'	Dolomite / Shale				
4283'	4610'	327'	Dolomite / Anhydrite / Shale				
4610'	5400'	790'	Shale				
5400'	6178'	778'	Limestone / Shale				
6178'	6352'	174'	Limestone / Shale / Sand				
6352'	6450'	98'	Limestone / Shale / Chert				
6450'	6625'	175'	Dolomite				