

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, 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
En , Minerals and Natural Resources

Form C-105
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.
30-025-34607

5. Indicate Type of Lease
STATE ☒ FEE ☐

State Oil & Gas Lease No.
24466

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____

b. Type of Completion:
NEW ☐ WORK ☐ PLUG ☐ DIFF. ☒
WELL OVER DEEPEN BACK RESVR OTHER Amended Rpt

7. Lease Name or Unit Agreement Name

Royal Humpy

8. Well No.

1

9. Pool name or Wildcat

Diamond Strawn

2. Name of Operator

David H. Arrington Oil & Gas, Inc

3. Address of Operator

P.O. Box 2071, Midland, Texas 79702

4. Well Location

Unit Letter I : 1615' Feet From The South Line and 1161' Feet From The East Line

Section 16

Township 16S

Range 36E

NMPM

County Lea

10. Date Spudded
5/15/99

11. Date T.D. Reached
6/18/99

12. Date Compl. (Ready to Prod.)
9/16/99

13. Elevations (DF& RKB, RT, GR, etc.)
3904' GL, 3919' KB

14. Elev. Casinghead
3904' GR

15. Total Depth
11,740'

16. Plug Back T.D.
11,698'

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
11,550'-11,555' Strawn

20. Was Directional Survey Made
NO

21. Type Electric and Other Logs Run
Neutron Density, Dual Induction

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
13 3/8 "	48#	455'	17 1/2"	450 sxs	None
8 5/8"	32#	4927'	11"	1650 sxs	None
5 1/2"	17#	11,742'	7 7/8"	1090 sxs	None

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	11,585'	

26. Perforation record (interval, size, and number)
11,550'-11,555' (Strawn)

10,708'-10,720' - 48 holes (Wolfcamp)
(Squeezed)

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

DEPTH INTERVAL
11,550'-11,555'

AMOUNT AND KIND MATERIAL USED
1000 gal 15% HCL Acid

PRODUCTION

28. Date First Production 10/31/99		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2" x 1 1/4" x 24' RHBC pmp w/14' GA			Well Status (Prod. or Shut-in) Producing		
Date of Test 4/25/01	Hours Tested 24	Choke Size NA	Prod'n For Test Period	Oil - Bbl 53	Gas - MCF 108	Water - Bbl. 149	Gas - Oil Ratio 2038
Flow Tubing Press. NA	Casing Pressure NA	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 42	

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

Test Witnessed By
Steve Scott

Sold

30. List Attachments

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

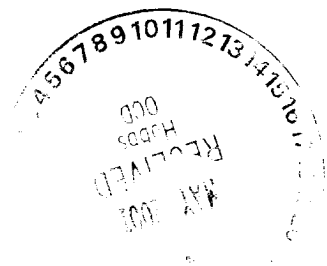
Signature

Printed

Name Chuck Sledge

Title Engineer

Date 5/22/01



INSTRUCTIONS

Royal Humpy #1

Royal Humpy #1
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
Northwestern New Mexico

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 2025' _____
T. Salt _____ 2120' _____
B. Salt _____ 2990' _____
T. Yates _____ 3200' _____
T. 7 Rivers _____
T. Queen _____ 4050' _____
T. Grayburg _____
T. San Andres _____ 4910' _____
T. Glorieta _____
T. Paddock _____
T. Blinbry _____
T. Tubb _____ 7600' _____
T. Drinkard _____
T. Abo _____ 8327' _____
T. Wolfcamp _____ 9700' _____
T. Penn _____ 11,076' _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____ 11,500
T. Atoka _____ 11,690'
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. Tansil _____
T.3 Bros. _____
T. _____

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....

No. 3, 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

(Attach additional sheet if necessary)			
From	To	Thickness In Feet	Lithology

