

Form C-142  
Date 06/99

**District I** - (505) 393-6161  
1625 N. French Dr  
Hobbs, NM 88241-1980  
**District II** - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
**District III** - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
**District IV** - (505) 827-7131

**New Mexico**  
**Energy Minerals and Natural Resources Department**  
**Oil Conservation Division**  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

**SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO THE SANTA FE  
OFFICE**

## APPLICATION FOR NEW WELL STATUS

## I. Operator and Well

Operator name & address David H. Arrington Oil & Gas, Inc. P.O. Box 2071 Midland, TX 79702							OGRID Number 43	
Contact Party David H. Arrington Oil & Gas ATTN: Traci Coursey							Phone 915-682-6685	
Property Name Mayfly 14 State					Well Number 3		API Number 30-025-34696	
UL C	Section 14	Township 16S	Range 35E	Feet From The 228	North/South Line North	Feet From The 1654	East/West Line West	County Lea

## II. Date/Time Information

Spud Date 11/10/99	Spud Time 11:11	Date Completed 1/6/00	Pool Northwest Shoe Bar Strawn
-----------------------	--------------------	--------------------------	-----------------------------------

- III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.
- IV. Attach a list of all working interest owners with their percentage interests.
- V. AFFIDAVIT:

State of New Mexico )

SS.

County of Santa Fe )

William F. Carr, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced well.
2. To the best of my knowledge, this application is complete and correct.

Signature William F. Gray Title Attorney Date 2/22/00

SUBSCRIBED AND SWORN TO before me this 22nd day of February, 2000



**Mara Dalton**  
**NOTARY PUBLIC**  
**STATE OF NEW MEXICO**

**Notary Public**

My Commission Expires: ~~8/25/01~~

**FOR OIL CONSERVATION DIVISION USE ONLY:**

**VI. CERTIFICATION OF APPROVAL:**

**This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.**

Signature	<i>Mark Salter</i>	Title	<i>P.F. Speltz</i>	Date	<b>MAR 06 2000</b>
-----------	--------------------	-------	--------------------	------	--------------------

VII. DATE OF NOTIFICATION ~~TO~~ THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 3/6/00

**NOTICE: The operator must notify all working interest owners of this New Well certification.**

PVZV2010838385

Submit To Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-105  
Revised March 25, 1999

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO.  
30-025-34696

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No. 24636

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

2. Name of Operator

David H. Arrington Oil & Gas, Inc.

3. Address of Operator

P.O. Box 2071 Midland, Texas 79702

7. Lease Name or Unit Agreement Name

Mayfly "14" State

8. Well No.

3

9. Pool name or Wildcat

Shoe Bar Strawn, North

4. Well Location

Unit Letter C 228 Feet From The North Line and 1654 Feet From The West Line

Section 14 Township 16S Range 35E NMPM Lea County

10. Date Spudded

11/10/99

11. Date T.D. Reached

12/28/99

12. Date Compl. (Ready to Prod.)

1/6/00

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

3982' GL 3998' KB

14. Elev. Casinghead

3982'

15. Total Depth

12,690'

16. Plug Back T.D.

NA

17. If Multiple Compl. How Many

Zones? No

18. Intervals

Drilled By

Rotary Tools

X

Cable Tools

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

11,320' - 12,690' Open hole

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Induciton, GR Neutron Density

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#	470'	17 1/2"	500 sx	None
8 5/8"	32#	4823'	11"	1750 sx	None
5 1/2"	17#	11,320'	7 7/8"	450 sx	None

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
None				

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	11,192'	NA

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

Open hole 11,320' - 12,690'

27. I

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	None

28. PRODUCTION

Date First Production 2/10/00		Production Method (Flowing, gas lift, pumping - Size and type pump) Swabbing			Well Status (Prod. or Shut-in) Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/14/00	9	-		49	74	44	1510
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
0	250 psi		131	197	117		

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


Sold

Test Witnessed By

Steve Scott

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 David H. Arrington

Title President

Date 2/15/00

### Mayfly "14" #3

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Northwestern New Mexico

## OIL OR GAS SANDS OR ZONES

No. 3, from.....to.....  
No. 4, from.....to.....

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Submit 3 Copies To Appropriate  
District Office  
**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 S. Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised March 25, 1999

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO.  
30-025-34696

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
24636

7. Lease Name or Unit Agreement Name:

Mayfly "14" State Com

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

David H. Arrington Oil & Gas, Inc.

8. Well No.

3

3. Address of Operator

P.O. Box 2071 Midland, Texas 79702

9. Pool name or Wildcat

Northwest Shoe Bar Strawn

4. Well Location

Unit letter C : 228 feet from the North line and 1654 feet from the West line

Section 14

Township 16S

Range 35E

NMPM

County Lea

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
3982' GL 3998' KB

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE  
COMPLETION ☐

OTHER:

☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☒ PLUG AND  
ABANDONMENT ☐

CASING TEST AND CEMENT JOB  
☒

OTHER: Complete Drilling ☒

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

11/10/99 Spud well and drill 17 1/2" hole to 470'.

11/11/99 Run and cement 13 3/8", 48# casing at 470' with 500 sx "c". Circulate cement.

11/12/99 Nipple up BOP. Test BOP and casing to 1000 psi.

11/21/99 Drill 11" hole to 4825'.

11/22/99 Run and cement 8 5/8" 32# casing at 4823' with 1750 sx "c". Circulate cement.

11/23/99 Nipple up BOP and test BOP and casing to 3000 psi.

12/15/99 Drill 7 7/8" hole to 11,600'. Run open hole logs.

12/17/99 Plug back with cement plug to 11,320'.

12/18/99 Run and cement 5 1/2" 17# casing at 11,320' with 450 sx. Test BOP and casing to 3000 psi.

12/28/99 Drill 4 3/4" horizontal hole from 11,320' to 12,390'.

12/29/99 Released rig.

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

SIGNATURE



TITLE

President

DATE February 14, 2000

Type or print name David H. Arrington

Telephone No. 915/682-6685

(This space for State use)

APPROVED BY

TITLE

DATE

Conditions of approval, if any:

**DAVID H. ARRINGTON OIL & GAS, INC.**  
**MAYFLY "14" STATE WELL No. 3**  
**API NO.: 30-025-34696**  
**SECTION 14, TOWNSHIP 16 SOUTH, RANGE 35 EAST**  
**WORKING INTEREST OWNERS**

**OWNER NAME AND**  
**ADDRESS**

**WORKING**  
**INTEREST**

D. Blair Baker, d/b/a  
Blair Operating Company  
3012 Westminster Avenue  
Dallas, TX 75205

0.00750000

Chesapeake Operating, Inc.  
P.O. Box 99809  
Oklahoma City, OK 73199

0.25056800

Barry Bradford, d/b/a  
Crossland Oil and Gas  
8750 E. University, Suite 515  
Dallas, TX 75205

0.03000000

Dettle Ventures, Inc.  
Attn: Mr. Steve Dettle  
P.O. Box 66  
Stratford, TX 79084

0.01000000

Holifield, Steve L., Sr.  
P.O. Box 60927  
Midland, TX 79711

0.10000000

Kruse Farms, O.P.  
Attn: Mr. Bill Kruse  
P.O. Box 60927  
Midland, TX 79711

0.05000000

Craig M. McDonnold  
505 Big Spring, Suite 204  
Midland, TX 79701 0.00340900

McDonnold Producing, Inc.  
505 N. Big Springs, Suite 204  
Midland, TX 79701 0.00340900

John C. or Cynthia M. Owens  
4618 5th Street  
Lubbock, TX 75416 0.01000000

Rawleigh H. Ralls, IV  
2305 Cedar Springs Road, Suite 200  
Dallas, TX 79201 0.05000000

Thompson Agriplex, Inc.  
Attn: Jeff Willard  
P.O. Box 4  
Hartley, TX 79044 0.01000000

Mark L. Shidler, Inc.  
1010 Lamar, Suite 500  
Houston, TX 77002 0.01408000

Jeffrey S. Willard  
P.O. Box 601  
Dalhart, TX 79022 0.01630000

A.B.W. Oil Company  
Attn: Alan B. White  
5010 University Ave., Suite 410  
Lubbock, TX 79413 0.05000000

David & Kathleen A. Quinlan  
97 Regatta Drive  
Jupiter, FL 33477 0.01000000

Big Bertha Oil & Gas, Inc.  
Attn: Mr. Howard W. Parker  
3839 Bee Caves Road, Suite 203  
Austin, TX 78746

0.01357300

Oil & Gas Acquisition Group, INc.  
Attn: Mr. Charles O. Newell, Jr.  
3839 Bee Caves Road, Suite 203  
Austin, TX 78746

0.00574550

David H. Arrington  
P.O. Box 2071  
Midland, TX 79701

.036541550