

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Date 06/99

SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE

APPLICATION FOR NEW WELL STATUS

District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88240
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
2040 S. Pacheco
Santa Fe, NM 87505

I. Operator and Well

Operator name & address David H. Arrington Oil & Gas, Inc. P.O. Box 2071 Midland, Texas 79702						OGRID Number 005898	
Contact Party David H. Arrington Oil & Gas, Inc. Attn: Traci Coursey						Phone 915-682-6685	
Property Name Mayfly "14" State				Well Number 1		API Number 30-025-34695	
UL D	Section 14	Township 16S	Range 35E	Feet From The 330'	North/South Line North	Feet From The 330'	East/West Line West
						County Lea	

II. Date/Time Information

Spud Date 9/17/99	Spud Time 4:00 pm MST	Date Completed 11/27/99	Pool North Shoe Bar Atoka
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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.

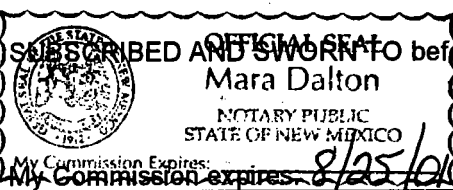
V. AFFIDAVIT:

State of NEW MEXICO)
County of SANTA FE) ss.

DAVID H. ARRINGTON, being first duly sworn, upon oath states:

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

Signature [Signature] Title PRESIDENT Date 1/24/00



Notary Public

[Signature: Mara Dalton]

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 <u>[Signature]</u>	Title <u>P.E. Spee</u>	Date <u>1-26-00</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 1/26/00

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

PV2V2010830952

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

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

Form C-103

Revised March 25, 1999

WELL API NO.
30-025-34695

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

8. Well No.

1

9. Pool name or Wildcat
Shoe Bar Strawn, North

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.

3. Address of Operator

P.O. Box 2071 Midland, Texas 79702

4. Well Location

Unit letter D : 330 feet from the North line and 330 feet from the West line

Section 14

Township 16S

Range 35E

NMPM

County Lea

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

GR - 3978' KB - 3994'

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.

9/17/99 Spudded well at 4:00 pm (MST)

9/18/99 Drilled 17 1/2" hole to 490'. Ran 3 3/8" casing to 490' and cemented to surface with 500 sx.

9/19/99 Tested casing and BOP to 700 psi - OK

9/27/99 Drilled 11" hole to 4775'. Ran 8 5/8" casing to 4775' and cemented to surface with 1325 sx.

9/28/99 Nipple up casing head and BOP. Tested BOP to 5000 psi and casing to 1500 psi - OK

11/5/99 Drilled 7 7/8" hole to TD 12,470'. Tested BOP to 5000 psi and casing to 1500 psi - OK

11/9/99 Ran 5 1/2" casing to 12,470'. Cemented with 1440 sx. Released rig 3:00 pm.

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

SIGNATURE

David H. Arrington

TITLE

President

DATE 1/18/00

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:

01/19/00 15:00 FAX 19156824139

DAVID ARRINGTON

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-105
Revised March 25, 1999

WELL API NO.

30-025-34695

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

4. Well Location

Unit Letter D 330 Feet From The North Line and 330 Feet From The West Line

Section 14 Township 16S Range 35E NMPM Lea County

10. Date Spudded

9/17/99

11. Date T.D. Reached

11/14/99

12. Date Compl. (Ready to Prod.)

11/26/99

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

3986' GL 4002' KB

14. Elev. Casinghead

3988'

15. Total Depth

12,481'

16. Plug Back T.D.

12,387'

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

12,040' - 12,047' (7') Morrow

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Neutron Density, Dual Induction, Sonic

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#	490'	17 1/2"	500 sx	None
8 5/8"	32#	4775'	11"	1325 sx	None
5 1/2"	17#	12,470'	7 7/8"	1440 sx	None

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					2 7/8"	11,924'	11,924'

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

12,040' - 12,047' (7'), 32 holes

27. I

DEPTH INTERVAL

12,040' - 12,047'

12,040' - 12,047'

AMOUNT AND KIND MATERIAL USED

500 gal 7 1/2% Hcl Acid

2500 gal 7 1/2% Hcl Acid

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
11/29/99		Flowing			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio
12/30/99	24	24/64	24 hrs	54	1,650	0	30,555
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr.)	
560	0	NA				42	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
Sold						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 David H. Arrington

Printed

Name David H. Arrington

Title President

Date 1/18/00

INSTRUCTIONS

Mayfly "14" #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

Southeastern New Mexico

T. Anhy	1875	T. Canyon	
T. Salt	1978	T. Strawn	11,275
B. Salt	2993	T. Atoka	11,458
T. Yates	3105	T. Miss	12,050
T. 7 Rivers		T. Devonian	
T. Queen	3950	T. Silurian	
T. Grayburg		T. Montoya	
T. San Andres	4698	T. Simpson	
T. Glorieta		T. McKee	
T. Paddock		T. Ellenburger	
T. Blinobry		T. Gr. Wash	
T. Tubb	7412	T. Delaware Sand	
T. Drinkard		T. Bone Springs	
T. Abo	8055	T.	
T. Wolfcamp	9610	T.	
T. Penn	10,740	T.	
T. Cisco (Bough C)		T.	

Northwestern New Mexico

T. Ojo Alamo	T. Penn. "B"
T. Kirtland-Fruitland	T. Penn. "C"
T. Pictured Cliffs	T. Penn. "D"
T. Cliff House	T. Leadville
T. Menefee	T. Madison
T. Point Lookout	T. Elbert
T. Mancos	T. McCracken
T. Gallup	T. Ignacio Otzte
Base Greenhorn	T. Granite
T. Dakota	T.
T. Morrison	T.
T. Todillo	T.
T. Entrada	T.
T. Wingate	T.
T. Chinle	T.
T. Permian	T.
T. Penn. "A"	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

From	To	Thickness In Feet	Lithology

David H. Arrington Oil & Gas, Inc.
Mayfly "14" State Com #1

Date	Hrs	Choke	FTP	MCF	BO	BW	Remarks
12/1/99	24	24/64	500	1474	50	0	
12/2/99	24	24/64	520	1398	42	0	
12/3/99	25	24/64	520	1614	41	0	
12/4/99	23	24/64	540	1318	47	0	
12/5/99	24	24/64	540	1583	45	0	
12/6/99	24	24/64	540	1545	50	0	
12/7/99	24	24/64	540	1626	50	0	
12/8/99	24	24/64	540	1509	48	0	
12/9/99	24	24/64	540	1650	47	6	
12/10/99	24	24/64	550	1524	57	0	
12/11/99	24	24/64	550	1597	53	0	
12/12/99	24	24/64	550	1604	47	0	
12/13/99	24	24/64	550	1675	56	0	
12/14/99	24	24/64	560	1546	56	0	
12/15/99	24	24/64	560	1818	38	0	
12/16/99	24	24/64	560	1411	44	0	
12/17/99	24	24/64		259	7	0	SI 72 hour Bottom Hole Pressure Test
12/18/99	24	24/64	1650	0	3	0	SI 72 hour Bottom Hole Pressure Test
12/19/99	24	24/64	1650	0	0	0	SI 72 hour Bottom Hole Pressure Test
12/20/99	24	16/64	1560	43	0	0	
12/21/99	24	24/64	580	1579	42	0	
12/22/99	24	24/64	580	1681	44	0	
12/23/99	24	24/64	560	1731	56	15	
12/24/99	24	24/64	570	1735	55	0	
12/25/99	24	24/64	560	1622	50	0	
12/26/99	24	24/64	560	1728	48	3	
12/27/99	24	24/64	560	1656	54	0	
12/28/99	24	24/64	560	1654	44	0	
12/29/99	24	24/64	560	1653	51	0	

OFFICE OF THE ATTORNEY GENERAL
STATE OF NEW YORK
ALBANY, N. Y.

1900
1901
1902

NAME	RESIDENCE	DATE	AMOUNT	REMARKS
JOHN J. BROWN	ALBANY, N. Y.	1900	100.00	PAID TO BROWN
JAMES H. SMITH	ALBANY, N. Y.	1901	200.00	PAID TO SMITH
WILLIAM D. JONES	ALBANY, N. Y.	1902	150.00	PAID TO JONES

GRAND TOTAL \$450.00

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DAVID H. ARRINGTON OIL & GAS, INC.
MAYFLY "14" STATE WELL No. 1
API NO.: 30-025-34695
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 0.03750000

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

Craig E. McMahon
1321 N. 57th Terrace
Ft. Smith, AK 72904

0.01250000

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