

State of New Mexico
Energy, Minerals and Natural Resources

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

7. Lease Name or Unit Agreement Name
Mayfly "14" State

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
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'
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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 Cable Tools X
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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				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					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 2/14/00	Hours Tested 9	Choke Size -	Prod'n For Test Period	Oil - Bbl 49	Gas - MCF 74	Water - Bbl. 44	Gas - Oil Ratio 1510
Flow Tubing Press. 0	Casing Pressure 250 psi	Calculated 24-Hour Rate	Oil - Bbl. 131	Gas - MCF 197	Water - Bbl. 117	Oil Gravity - API - (Corr.)	

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

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 <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	8. Well No. 3
2. Name of Operator David H. Arrington Oil & Gas, Inc.	9. Pool name or Wildcat Northwest Shoe Bar Strawn
3. Address of Operator P.O. Box 2071 Midland, Texas 79702	
4. Well Location Unit letter <u>C</u> : <u>228</u> feet from the <u>North</u> line and <u>1654</u> feet from the <u>West</u> 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 <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/> OTHER: Complete Drilling <input checked="" type="checkbox"/>	
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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

<u>OWNER NAME AND ADDRESS</u>	<u>WORKING INTEREST</u>
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