Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED
NOV - 7 2003
OCD-ARTESIA

5. Lease Serial No.
NM-105543

1a. Type of well ☑ Oil Well ☐ Gas Well ☐ Dry Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☑ Plug Back ☐ Diff. Resvr,.
Other

6. If Indian, Allotte or Tribe Name

7. Unit or CA Agreement Name and No
0301055430

2. Name of operator
David H. Arrington Oil & Gas, Inc.

8. Lease Name & Well No.
Miss Moneypenny Fed Com #1

3. Address
P.O. Box 2071, Midland TX 79702

3a. Phone No. *(include area code)*
(915) 682-6685

9. API Well No.
30-015-31846 S2

ACCEPTED FOR RECORD
JUN 14 2002
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface 660 FSL & 1700' FWL

At top prod. interval reported below 2039' FSL & 2000' FWL

At total depth 2039' FSL & 2000' FWL

10. Field and Pool, or Exploratory
Broke Tank Draw Wolfcamp

11. Sec., T., R., M., on Block and Surve or Area Sec 14-21S-22E, Unit K

12. County or Parish
Eddy

13. State
NM

| 14. Date Spudded | 15. Date T.D. Reached | 16. Date Completed | 17. Elevations (DF, RKB, RT, GL)* |
|---|---|---|---|
| (Orig. 8/9/01) PB 3/18/02 | 9/14/01 | ☐ D&A ☐ Ready to Prod. | 3768' GL, 3785' DF, 3786' KB |

| 18. Total Depth: MD 9750' TVD | 19. Plug Back T.D.: MD 9632' TVD | 20. Depth Bridge Plug set: MD 9285', 6256', 6175', 6000', 5835', 5726' & 5650' |
|---|---|---|

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
PFEX/HRLL/MCFL, PTEX/CN/TDLD

22. Was well cored? ☐ No ☐ Yes (Submit analysis)
Was DST run? ☐ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☐ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. Of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|---|---|---|---|---|---|---|---|---|---|
| 17 ½" | 13 3/8"/K55 | 54.5# | Surface | 400' | | 600 sxs Prem Plus | 0 bbls | Surface | Circ 10 sxs to pit |
| 12 ¼" | 9 5/8"/J55 | 36# | Surface | 1512' | | 1000 sxs Prem Plus | 302 bbls | Surface | Circ 200 sxs to res |
| 8 ¾" | 5 ½"/J55 N-80 | 17# | 4800' | 9750' | | 1025 sxs Interfill "C" & Prem Plus | | 4800' | Circ 90 sxs to pit |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|---|---|---|---|---|---|---|---|---|
| 2 7/8" | 5724' | 5258' | | | | | | |

25. Producing Intervals / 26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf Status |
|---|---|---|---|---|---|---|
| A) Cisco | 5684' | 5700' | 5684'-5700' | .41" | 64 | Non-Productive – plugged |
| B) Wolfcamp | 5326' | 5328' | 5326'-5338' | | 48 | Productive |
| C) | | | | | | |
| D) | | | | | | |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material |
|---|---|
| 5726' | Set 4.24" Baker CIBP |
| 5684'-5700' | Acidize w/2500 gals 15% Ferchek Acid w/100 1.3 SG 7/8" BS, flush w/34 bbsl 2 % KCl water |
| 5650' | Set 4.24" Baker CIBP & dump 1 sx sand on CIBP @ 5650' **(See Attached page for contin. of #27)** |

28. Production – Interval A

| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Pump |
| **Choke Size** | **Tbg. Press. Flwg SI** | **Csg. Press.** | **24 hr. Rate →** | **Oil BBL** | **Gas MCF** | **Water BBL** | **Gas: Oil Ratio** | **Well Status** | |
| | | | | | | | | SI WO pipelin e hook up | |

28a. Production – Interval B

| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| **Choke Size** | **Tbg. Press. Flwg SI** | **Csg. Press.** | **24 hr. Rate →** | **Oil BBL** | **Gas MCF** | **Water BBL** | **Gas: Oil Ratio** | **Well Status** | |
| | | | | | | | | | |

*(See Instructions and spaces for additional data on reverse side)*

28b. Production – Interval C

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| **Choke Size** | **Tbg. Press. Flwg SI** | **Csg. Press.** | **24 hr. Rate →** | **Oil BBL** | **Gas MCF** | **Water BBL** | **Gas: Oil Ratio** | **Well Status** | |
| | | | | | | | | | |

28c. Production – Interval D

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| **Choke Size** | **Tbg. Press. Flwg SI** | **Csg. Press.** | **24 hr. Rate →** | **Oil BBL** | **Gas MCF** | **Water BBL** | **Gas: Oil Ratio** | **Well Status** | |
| | | | | | | | | | |

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test,including depth interval tested, cushi on used, time tool open, flowing and shut-in pressures and recoveries. No DST's or Full Dia. Cores

31. Formation (Log) Markers

| Formation | Top | Bottom | Descripitions, Contents, etc. | Name | Top Meas. Depth |
|---|---|---|---|---|---|
| Wolfcamp | 5326' | 5328' | Producing Interval | | 5326' |
| Cisco | 5684' | 5700' | Dolomite – Perforated, water bearing – behind CIBP | | 5684' |

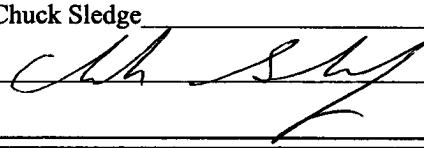
32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cem ent verification
6. Core Analysis
7. Other:

34. I hereby certify that the foregoing and Attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Chuck Sledge Title Engineer

Signature  Date 06/10/02

Title 18 U.S.C. Section 1001 and Title 43 U.S. C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Continue #27. – Miss Moneypenny Federal Com #1
API #- 30-015-31846

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material |
|---|---|
| 5326'-5328' | Acidize w/2500 gals Ferchek 15%, 5 gals, HAL-OS (inhibitor), 5 gals 19N (NE agent), 8 gals/lb FE-5 (iron), 8 gal/lb H11-124c (iron). Flush w/37 bbls of 2% KCl wtr w/5 gal's 19N (NE agent). (Details as follows: Pmp 500 gals Ferchek followed by 1500 gals Ferchek w/100-1.3 SG 7/8" BS's followed by 500 gals Ferchek. Flush 2 7/8" tbg w/37 bbls of 2% KCl wtr.) |
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