

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32563  
Name: Millennium Oil & Gas, Inc.  
Address: 20790 K-15 Hwy/P.O. Box 70  
City/State/Zip: Dexter, KS 67038  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Robert W. Bowers  
Phone: (620) 876-3441  
Contractor: Name: Sky Drilling LLC  
License: 33557  
Wellsite Geologist: Robert Hopkins

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: N/A

Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

<u>11-13-06</u>	<u>11-22-06</u>	<u>2-12-07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-035-24263-0000  
County: Cowley County, Kansas

N2-SE-NE-NE Sec. 24 Twp. 34 S. R. 6  East  West  
900 805 feet from (N) (circle one) Line of Section  
330 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Barnett Well #: 2A  
Field Name: Otto Field

Producing Formation: Layton  
Elevation: Ground: 1375 Kelly Bushing: 1380  
Total Depth: 3375 Plug Back Total Depth: 2685  
Amount of Surface Pipe Set and Cemented at 301 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 301 Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ Licen \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S.  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

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**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]  
Title: \_\_\_\_\_ Date: 2/22/07  
Subscribed and sworn to before me this 22 day of February,  
20 07.  
Notary Public: [Signature]  
Date Commission Expires: 2-08-2010

GARY CRAIG LAMPSON  
Notary Public - State of Kansas  
My Appl. Expires 2-0-2010

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Millennium Oil & Gas, Inc. Lease Name: Barnett Well #: 2A  
Sec. 24 Twp. 34 S. R. 6 [x] East [ ] West County: Cowley County, Kansas

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken [ ] Yes [x] No (Attach Additional Sheets)  
Samples Sent to Geological Survey [ ] Yes [x] No  
Cores Taken [ ] Yes [x] No  
Electric Log Run [x] Yes [ ] No (Submit Copy)  
List All E. Logs Run:  
[ ] Log Formation (Top), Depth and Datum [ ] Sample  
Name Top Datum

CASING RECORD [ ] New [ ] Used  
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone		Please see attached		

PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	Please see attached geologist's report.		

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TUBING RECORD Size Set At Packer At Liner Run [ ] Yes [ ] No

Date of First, Resumerd Production, SWD or Enhr. Producing Method [ ] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval  
[ ] Vented [ ] Sold [ ] Used on Lease (If vented, Submit ACO-18.)  
[ ] Open Hole [ ] Perf. [ ] Dually Comp. [ ] Commingled  
[ ] Other (Specify) \_\_\_\_\_

**ROBERT T. HOPKINS - CERTIFIED PETROLEUM GEOLOGIST**

709 Harold Avenue, Salina, Kansas 67401

cell phone (785) 819-2460

e-mail: robert.hopkins@wilsonco.com

November 23, 2006

Robert Bowers  
Millenium Oil and Gas, Inc.  
P.O. Box 70  
Dexter, Kansas 67038

Re: Millenium - #2A Barnett, NE SW SW, Sec. 24-34s-6e, Cowley County, Kansas

Dear Mr. Bowers:

The #2A Barnett well was TD'd on November 22, 2006, and 2672 ft of 4.5" 10.5# casing was run and cemented for completion attempt. No open-hole log was run. Following is a summary of shows observed in this well and a sample top comparison. This letter is accompanied by the lithologic log I prepared during drilling. The lithologic log has a scale of 5" = 100', for purposes of correlation to the cased-hole electric log to be run. Note that drilling measurements were taken from kelly bushing (KB) at an approximate elevation (not surveyed) of 1375 ft. Cased hole log measurements will be taken approximately from top of 4.5" casing, 5 to 10 ft shallower. The depths in this report should be thusly corrected when examining the cased-hole log prior to perforation.

*Hydrocarbon shows (sample/drilling time depths):*

- slight oil show in uppermost Stalnaker Sandstone 1643-1650', with 5 ugk (units gas kick) gas detector response. I believe this zone would not be economically productive.
- slight to fair oil show in middle Stalnaker Sandstone 1673-1684', with no gas detector response. I believe this zone would, at best, be marginally productive.
- good oil and gas show in uppermost Layton Sandstone 2116-2130', with 12 and 7 ugk gas detector response, in and below the zone. I believe this zone would be economically oil and gas productive, but with abundant saltwater. This corresponds to nearby wells which produce large volumes of saltwater from this zone.
- slight oil and gas show in lower Layton Sandstone 2167-2172', with 8 ugk gas detector response. I believe this zone would not be economically productive.

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- very slight oil show in Altamont Limestone 2563-2566', with no gas detector response. I believe this zone would not be economically productive.
- good oil and gas show in Pawnee Limestone 2618-2624', with 14 ugk gas detector response. I believe this zone would be economically productive.
- very slight oil show in Fort Scott Limestone 2664-2666', with 20 ugk gas detector response. I believe this zone would not be economically productive.
- very slight oil show in Mississippi Chert 2951-2960' with no gas detector response. I believe this zone would not be economically productive.
- very slight oil show in Arbuckle Dolomite 3357-3360', with no gas detector response. I believe this zone would not be economically productive.

There were several gas detector responses (shown on the lithologic log) that either were insignificant in response, or could not be correlated to a potential hydrocarbon reservoir by drill cuttings. Also, several shales and associated very thin coal beds exhibited responses. These may or may not be significant.

SAMPLE/LOG TOP COMPARISON:

formation	sample tops Millenium - #2A Barnett	compared to log of Millenium Simmons #1 (SW24)	compared to log of Millenium Barnett #1 (SW24)
Brown Ls.	1612(-237)	-0- (-237)	+5 (-242)
Stalaker Sd.	1635(-260)	-4 (-256)	+7 (-267)
Layton Sd.	2116(-741)	-0- (-741)	-0- (-741)
lower KC Ls.	2294(-919)	-1 (-918)	+2 (-921)
Altamont Ls.	2536(-1161)	+4 (-1165)	+8 (-1169)
Pawnee Ls.	2613(-1238)	+7 (-1245)	+11 (-1249)
Verdigris Ls.	2764(-1389)	+6 (-1395)	below TD
Mississippi Chert	2951(-1576)	-3 (-1573)	
Arbuckle Dolo.	3357(-1982)	*	

\* - The closest well I could find, that was drilled to the Arbuckle, had no show in that zone, and a formation top of (-1971), 11' higher than the Barnett 2A. This well was located in the NEc NW of Section 24, approximately 3/4 miles north of the Barnett 2A.

Based on the oil and gas shows in the Layton Sd. and the Pawnee Ls., the favorable structural position, and fair to good porosity in those zones, the Barnett 2A is worthy of a completion attempt. I recommend starting with the Pawnee Ls. for initial perforation, treatment, and testing.

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surface pipe cementing



**CONSOLIDATED**  
OIL WELL  
SERVICES, INC.  
AN INFINITY COMPANY

**REMIT TO**  
Consolidated Oil Well Services, Inc.  
Dept. 1228  
Denver, CO 80256

MAIN OFFICE  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
FAX 620/431-0012

INVOICE

Invoice # 210556

Invoice Date: 11/16/2006 Terms:

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MILLENNIUM OIL & GAS INC.  
P.O. BOX 70  
DEXTER KS 67038  
(316)876-3441

BARNETT 2-A  
16571  
11-13-06

ch# 5485

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	170.00	11.2500	1912.50
1118A	S-5 GEL/ BENTONITE (50#)	300.00	.1400	42.00
1102	CALCIUM CHLORIDE (50#)	470.00	.6400	300.80
1107	FLO-SEAL (25#)	45.00	1.8000	81.00
Description		Hours	Unit Price	Total
439	TON MILEAGE DELIVERY	600.00	1.05	630.00
485	CEMENT PUMP (SURFACE)	1.00	620.00	620.00
485	EQUIPMENT MILEAGE (ONE WAY)	75.00	3.15	236.25

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Parts:	2336.30	Freight:	.00	Tax:	135.52	AR	3958.07
Labor:	.00	Misc:	.00	Total:	3958.07		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_

BARTLESVILLE, OK  
P.O. Box 1453 74005  
918/338-0808

EUREKA, Ks  
820 E. 7th 67045  
620/583-7664

OTTAWA, Ks  
2831 So. Eisenhower Ave. 66067  
785/242-4044

GILLETTE, WY  
300 Enterprise Avenue 82716  
307/686-4914

THAYER, Ks  
8655 Dorn Road 66776  
620/839-5269

*Cementing long string for completion*



**CONSOLIDATED**  
OIL WELL  
SERVICES, INC.  
AN INFINITY COMPANY

**REMIT TO**  
Consolidated Oil Well Services, Inc.  
Dept. 1228  
Denver, CO 80256

MAIN OFFICE  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
FAX 620/431-0012

INVOICE

Invoice # 210736

Invoice Date: 11/28/2006 Terms:

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MILLENIUM OIL & GAS INC.  
P.O. BOX 70  
DEXTER KS 67038  
(316)876-3441

BARNETT 2-A  
10984  
11/22/06  
24-34-6

*ch # 5685*

Part Number	Description	Qty	Unit Price	Total
1107A	PHENOSEAL (M) 40# BAG)	80.00	1.0000	80.00
1110	GILSONITE (50#)	450.00	.4600	207.00
1126A	THICK SET CEMENT	90.00	14.6500	1318.50
4254	TYPE B BASKET SHOE 4 1/2	1.00	1000.0000	1000.00
4404	4 1/2" RUBBER PLUG	1.00	40.0000	40.00

  

Description	Hours	Unit Price	Total
460 TON MILEAGE DELIVERY	1.00	405.17	405.17
492 CEMENT PUMP	1.00	800.00	800.00
492 EQUIPMENT MILEAGE (ONE WAY)	75.00	3.15	236.25
492 CASING FOOTAGE	2672.00	.17	454.24

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Parts:	2645.50	Freight:	.00	Tax:	153.44	AR	4694.60
Labor:	.00	Misc:	.00	Total:	4694.60		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_

BARTLESVILLE, OK P.O. Box 1453 74005 918/338-0808	EUREKA, Ks 820 E. 7th 67045 620/583-7664	OTTAWA, Ks 2631 So. Eisenhower Ave. 66067 785/242-4044	GILLETTE, WY 300 Enterprise Avenue 82716 307/686-4914	THAYER, Ks 8655 Dorn Road 66776 620/839-5269
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