

"CONFIDENTIAL"

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30606
Name: Murfin Drilling Company, Inc.
Address: 250 N. Water, Suite 300
City/State/Zip: Wichita, Kansas 67202
Purchaser: _____
Operator Contact Person: Susan Sears
Phone: (316) 267-3241
Contractor: Name: Murfin Drilling Company, Inc.
License: 30606
Wellsite Geologist: Rocky Milford

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: _____
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>9/9/06</u>	<u>9/17/06</u>	<u>N/A</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-24983-0000
County: Barton
 SE NE NE Sec. 11 Twp. 20 S. R. 13 East West
880 N feet from S / N (circle one) Line of Section
150 E feet from E / W (circle one) Line of Section

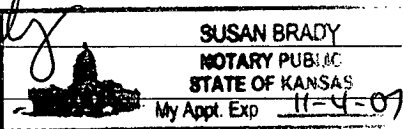
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Pan John Unit Well #: 1-11
Field Name: Wildcat
Producing Formation: N/A
Elevation: Ground: 1837' Kelly Bushing: 1842'
Total Depth: 3542' Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at 692 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan PA NH 7-30-08
(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: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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: Susan Sears
Title: Susan Sears, Operations Engineer Date: 9/28/06
Subscribed and sworn to before me this 28th day of September,
2006
Notary Public: Susan Brady
Date Commission Expires: 11-4-07



KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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SEP 29 2006

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Operator Name: Murfin Drilling Company, Inc. Lease Name: Pan John Unit Well #: 1-11
 Sec. 11 Twp. 20 S. R. 13 East West County: Barton

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction, Compensated Porosity, Microresistivity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED LIST <div style="text-align: right;"> KCC SEP 28 2006 CONFIDENTIAL </div>
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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
Surface		8 5/8		692	Common	400	3% cc, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval _____
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- 9/15/06 Depth 3455'. Cut 38'. DT: none. CT: 22 ¾ hrs. **DST #4 3403-3445 (Arbuckle):** 30-60-30-90. IF: wk blow. FF: no blow. Rec. 20' TF, 5' CO (grav. 38° API), 15' OCM (10% O, 90% M). BHT 106°. HP: 1621-1600; FP: 19/25, 31/36; SIP: 1026-987. On bottom now w/**DST #5 3445-3455 (Arbuckle):** 30-60-60-90. IF: wk blow throughout. FF: wk blow throughout. Rec. 125' TF, 115' CO (grav. 38° API), 10' HOGCM (6% O, 37% G, 57% M), BHT 108°. HP: 1658-1641; FP: 16/35, 41/71; SIP: 994-905.
- 9/16/06 Depth 3542'. Cut 87'. DT: none. CT: 21 ¼ hrs. Dev.: none. **DST #6 3455-3465 (Arbuckle):** 30-60-60-90. Rec. 5' CO, 90' MW (85% W, 15% M), 210' MW (95% W, 5% M) 215 TF. Chr. 26,000 ppm. BHT 114°. HP: 1644-1612; FP: 19/81, 85/112; SIP: 917-899.
- 9/17/06 RTD 3542'. Cut 0'. DT: none. CT: 18 hrs. Dev.: 1° @ 3542'. HC @ 6:30 a.m. 9/16/06. Log Tech logged from 9:45 am. to 1:30 p.m. 9/16/06, LTD @ 3545'. Allied plugged hole w/60/40 poz., 6% gel as follows: 25 sx. @ 3420', 25 sx. @ 710', 80 sx. @ 380', 10 sx. @ 40', 15 sx. in RH, 10 sx. in MH. Started @ 5:00 p.m., comp. @ 9:00 p.m. 9/16/06, orders from Roger Moses, KCC @ Hays. Rig released @ 1:00 a.m. 9/17/06. Arbuckle had poor development on logs, looked like it tested. One small zone in Lansing "I" too thin to be economic based on DST recovery. FINAL REPORT.

Pan John Unit #1-11 880 FNL 150 FEL Sec. 11-T20S-R13W 1842' KB							Rogers #1-1 2500 FWL 950 FSL Sec. 1-T20S-R13W 1841' KB	
Formations	Sample Tops	Datum	Ref	Log tops	Datum	Ref	Log Tops	Datum
Anhydrite	672	+1170	-4	678	+1170	-4	667	+1174
B/Anhydrite	695	+1147	-3	692	+1150	Flat	691	+1150
Topeka	2795	-953	-4	2796	-954	-5	2790	-949
Heebner	3063	-1221	-3	3064	-1222	-4	3059	-1218
Toronto				3085	-1243	-4	3080	-1239
Lansing	3193	-1351	-3	3194	-1352	-4	3189	-1348
Stark	3376	-1534	-3	3376	-1534	-3	3372	-1531
BKC	3413	-1571	-2	3413	1571	-2	3410	-1569
Conglomerate							3418	-1577
Arbuckle	3435	-1593	-2	3436	-1594	-3	3432	-1591
RTD	3542							
LTD				3545			3536	

Pan John Unit #1-11

Operator: Murfin Drilling Company, Inc.
Contractor: Murfin Drilling Company, Inc.
Rig #8

Katy Prospect #3233

880 FNL 150 FEL
Sec. 11-T20S-R13W
Barton County, Kansas

Contact Person: David Doyel
Phone number: 316-267-3241
Well site Geologist: Rocky Milford

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Call Depth: 2400'
Spud: 9/9/06 @ 7:30 a.m.
TD: 3542'

API #: 15-009-24983
Casing: 8 5/8" @ 692'
Elevation: 1837' GL
1842' KB

DAILY INFORMATION:

- 9/8/06 MIRT plan to spud tomorrow.
- 9/9/06 Spud @ 7:30 a.m.
- 9/10/06 Depth 692'. Cut 692'. DT: 6 ½ hrs. (WOC). CT: none. Dev.: ½° @ 343', 1° @ 692'. Ran 17 jts. = 684.52' of 8 5/8" surf. csg. set @ 692', cmt. w/400 sx. comm., 3% cc, 2% gel, plug down @ 12:30 a.m. 9/10/06, drilled out @ 8:30 a.m. 9/10/06, circ. 15 bbls by Allied.
- 9/11/06 Depth 2190'. Cut 1498'. DT: 1 ½ hrs. (WOC). CT: none. Dev.: ¾° @ 1576'.
- 9/12/06 Depth 3145'. Cut 955'. DT: ¼ (air). CT: none. Dev.: none. **Lansing A-D zones:** pr-fr SO fr porosity. **DST #1 (Lansing A-D zones):**
- 9/13/06 Depth 3286'. Cut 141'. DT: none. CT: 20 ¼ hrs. Dev.: 1° @ 3286'. **DST #1 3196-3250 (Lansing A-D zones):** 30-60-30-90. Rec. 60' GIP, 30' WM (40% W, 60% M). Chlor. 18,000 ppm. HP: 1536-1520; FP: 31/44, 47/57; SIP: 983-973. BHT 105°. **Lansing E, F & G zones:** fr-gd porosity fr show FO. **DST #2 3245-3286 (Lansing E, F & G zones):** 30-60-60-90. IF: ¼" built to 1" blow throughout. FF: no blow 1st 10 mon. wk surf. blow throughout. No blow back on either open. Rec. 65' MW w/oil spts (60% W, 40% M), NGIP, Chr. 17,000. 6,000 mud system. HP: 1538-1516; FP: 20/32, 39/63; SIP: 951-949. BHT 106°.
- 9/14/06 Depth 3417'. Cut 131'. DT: none. CT: 18 ¼ hrs. Dev.: none. **DST #3 3308-3417 (Lansing H, I, J, K, L zones):** 30-60-60-90. IF: BOB in 24 min. FF: BOB in 7 min. Rec. 390' GIP, 80' GMCO (10% G, 50% O, 40% M), 60' GSMO (60% G, 33% O, 7% M), 60' O&GCMW (5% G, 5% O, 80% W, 10% M), 200' T.F. Chr. 26,000 ppm. BHT 115°. HP: 1599-1591; FP: 38/86, 86/112; SIP: 1083-1073.

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Arbuckle	3435	-1593	-2	3436	-1594	-3	3432	-1591
RTD	3542							
LTD				3545			3536	

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Alkied Cementing Co., Inc
P.O. Box 31
Russell, KS 67665

10-12-06

* INVOICE *

Invoice Number: 104379

Invoice Date: 09/15/06

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COPY

Sold Murfin Drilling Co.
To: 250 N. Water, St. #300
Wichita, KS
67202

Cust I.D..... Murfin
P.O. Number. Pan John Unit 1-11
P.O. Date....: 09/15/06

Due Date.: 10/15/06
Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	400.00	SKS	10.6500	4260.00	T
Gel	8.00	SKS	16.6500	133.20	T
Chloride	12.00	SKS	46.6000	559.20	T
Handling	420.00	SKS	1.9000	798.00	E
Mileage min.	1.00	MILE	240.0000	240.00	E
Surface	1.00	JOB	815.0000	815.00	E
Extra Footage	392.00	PER	0.6500	254.80	E
Mileage pmp trk	4.00	MILE	6.0000	24.00	E
Wood Plug	1.00	EACH	60.0000	60.00	T

All Prices Are Net, Payable 30 Days Following
Date of Invoice. 1 1/2% Charged Thereafter.
If Account CURRENT take Discount of 714.42
ONLY if paid within 30 days from Invoice Date

Subtotal: 7144.20
Tax.....: 328.32
Payments: 0.00
Total....: 7472.52

714.42
6758.10

Account				
03600	00820	2632	7472.52	(714.42)

PK
NA
Cement S. Csg.

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ALLIED CEMENTING CO., INC. 23850

PERMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Great Bend

DATE <u>9-9-06</u>	SEC. <u>11</u>	TWP. <u>20</u>	RANGE <u>13W</u>	CALLED OUT <u>5:30 pm</u>	ON LOCATION <u>8:30 pm</u>	JOB START <u>11:30 pm</u>	JOB FINISH <u>12:30 am</u>
LEASE: <u>John and</u>		WELL # <u>1-11</u>		LOCATION <u>2817 Harts corner - 3 east</u>		COUNTY <u>Barton</u>	STATE <u>KS</u>
OLD OR (NEW) Circle one) <u>NEW</u>				<u>1/2 south - west into</u>			

CONTRACTOR Muehlin
 TYPE OF JOB Surface Pipe
 HOLE SIZE 12 1/4" T.D. 692'
 CASING SIZE 8 5/8" DEPTH 692'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 48 DBK
 EQUIPMENT _____

PUMP TRUCK CEMENTER Jack
 # 120 HELPER Tricky
 BULK TRUCK _____
 # 344 DRIVER Cody
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:
Run 17 1/2' of 8 5/8" cas. Cement with
400-24 cement. Displace plug with
48 DBKs of fresh water.
Cement Bid Circ
Plug down @ 12:30 am
Thanks

CHARGE TO: Muehlin Delg.
 STREET _____
 CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Larry Pickner

OWNER Muehlin Delg
 CEMENT AMOUNT ORDERED 400-24 by Common
370 c/c & 290 gel
 COMMON 400-24 @ 10.65 4260.00
 POZMIX _____ @ _____ _____
 GEL 80-4 @ 16.65 133.20
 CHLORIDE 12-144 @ 46.60 559.20
 ASC _____ @ _____ _____
 _____ @ _____ _____
 _____ @ _____ _____
 _____ @ _____ _____
 _____ @ _____ _____
 _____ @ _____ _____
 HANDLING 420-24 @ 1.90 798.00
 MILEAGE 420-24 @ 4.11 240.00
 TOTAL 5990.40

SERVICE
 DEPTH OF JOB 692'
 PUMP TRUCK CHARGE _____ 815.00
 EXTRA FOOTAGE 392' @ .65 254.80
 MILEAGE 4 @ 6.00 24.00
 MANIFOLD _____ @ _____ _____
 _____ @ _____ _____
 TOTAL 1093.80

PLUG & FLOAT EQUIPMENT
1-8 5/8" Wood Double cup @ 60.00 60.00
 _____ @ _____ _____
 _____ @ _____ _____
 _____ @ _____ _____
 TOTAL 60.00

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS _____

PRINTED NAME LARRY PICKNER

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MURFIN
DRILLING
CO., INC.



CONTRACTORS AND PRODUCERS

09/28/08

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SEP 28 2006

CONFIDENTIAL

September 28, 2006

Kansas Corporation Commission
Conservation Division
130 S Market, Room 2078
Wichita, Ks 67202

Re: **Confidential Filing** : ACO-1
API #15-009-24983-0000
Pan John Unit 1-11

Attn: Rick Hesterman

Dear Rick:

Please find following the above referenced confidential filing for the Pan John Unit 1-11.
We have requested that this information be kept confidential for a two year period.

Let me know if you need any further information on this. Thanks for all your help!

Sincerely,

Sue Brady
Production Assistant

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