Operator: License # 30606

Name: Murfin Drilling Company, Inc.

# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL Form ACO-1
September 1999
Form Must Be Typed 6/3/10

### WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

API No. 15 - 195-22641-0000

Name: Murfin Drilling Company, Inc.	County: Trego
Address: 250 N. Water, Suite 300	SW_NE_SE_NE_Sec. 07 Twp. 12 S. R. 24 ☐ East ✓ West
City/State/Zip: Wichita, Kansas 67202	1700 FNL feet from S / N (circle one) Line of Section
Purchaser: None	400 FEL feet from E / W (circle one) Line of Section
Purchaser: None  Operator Contact Person: Leon Rodak  Phone: (316) 267-3241  CONFIDENTIAL	Footages Calculated from Nearest Outside Section Corner:
Phone: (316 ) 267-3241 CONFIDENTIA	(circle one) NE SE NW SW
Contractor: Name: Murfin Drilling Company, Inc.	Lease Name: Marley Well #: 1-7
License: 30606	Field Name: Wildcat
Wellsite Geologist: Paul Gunzelman	Producing Formation: None
Designate Type of Completion:	Elevation: Ground: 2524 Kelly Bushing: 2529
✓ New Well Re-Entry Workover	Total Depth: 4200 Plug Back Total Depth: None
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 218 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes ▼No.
✓ Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth to
Well Name:	PA-DIQ- 6/10
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit)
Plug Back Plug Back Total Depth	Chloride content ppm Fluid volume bbls
Commingled Docket No.	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No.	Operator Name:
	Lease Name: License No.:
02/07/10         02/11/10         02/12/10           Spud Date or         Date Reached TD         Completion Date or	Quarter Sec Twp S. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING . Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature: In Market	KCC Office Use ONLY
Title: Leon Rodak VP Production Date: 06/03/15/BEL	Letter of Confidentiality Received
Subscribed and sworn to before me this day of	If Denied, Yes Date:
20//	Wireline Log Received  Geologist Report Received
Notary Public:	UIC Distribution
11 / may 11 accounts 15 g	KOO
Date Commission Expires: T / / JOIN STATE OF	Wireline Log Received  Geologist Report Received  UIC Distribution  Wireline Log Received  JUN 0 4 201

Well #: 1-7 JUN 0 3 2010

CONFIDENTIAL Operator Name: Murfin Drilling Company, Inc. Lease Name: Twp. 12 S. R. 24 County: Trego 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 No √ Log Formation (Top), Depth and Datum Sample (Attach Additional Sheets) Name Datum Samples Sent to Geological Survey ✓ Yes No Cores Taken Yes √ No Electric Log Run ✓ Yes No (Submit Copy) SEE ATTACHED LIST List All E. Logs Run: E-mailed Electronically: Dual Induction, Compensated Porosity, Microresistivity CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Type of Cement Size Hole Size Casing Weight Setting # Sacks Type and Percent Purpose of String Drilled Set (In O.D. Depth Used Additives Surface 8 5/8 23# 218 Common 150 3% cc, 2% gel ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement #Sacks Used Type and Percent Additives Top Bottom Perforate Protect Casing Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth TUBING RECORD Size Set At Packer At Liner Run ✓ No Yes Date of First, Resumerd Production, SWD or Enhr. **Producing Method** Pumping Flowing Gas Lift Other (Explain) **Estimated Production** Bbls. Gas Mcf Water Gas-Oil Ratio Gravity Per 24 Hours Disposition of Gas METHOD OF COMPLETION Production Interval ☐ Vented ☐ Sold ☐ Used on Lease Dually Comp. Open Hole Perf. Commingled (If vented, Submit ACO-18.) Other (Specify)

			Marley 1700 FNL Sec. 7-T12 2529'	400 FEL 2S-R24W			Dietz 'L 1750 FNL Sec. 8-12 2494	1450 FEL 2S-24W
Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	2118	+411	-3	2118	+411	-3	2080	+414
B/Anhydrite	2162	+367	-5	2162	+367	-5	2122	+372
Topeka	3628	-1099	-3	3634	-1105	-9	3590	-1096
Heebner	3860	-1331	-13	3860	-1331	-13	3812	-1318
Toronto	3878	-1349	-11	3880	-1351	-13	3832	-1338
Lansing	3896	-1367	-15	3894	-1365	-13	3846	-1352
BKC	4142	-1613	-14	4142	-1613	-14	4091	-1597
Pawnee		Later V		4.177.95			4196	-1702
Fort Scott							4294	-1800
Cherokee							4314	-1820
Mississippi							4390	-1896
RTD	4200	-1671					4470	
LTD			4201	-1672			4468	

JUN 0 3 2010 CONFIDENTIAL





24 S. Lincoln Street P.O. Box 31 Russell, KS 67665-2906

Voice: Fax: (785) 483-3887 (785) 483-5566

Bill To:

Murfin Drlg. Co., Inc. 250 N. Water STE #300

Wichita, KS 67202

PROD COPY

INVOICE

Invoice Number: 121568

Invoice Date: Feb 12, 2010

Page: 1

JUN 0 3 2010 CONFIDENTIAL

CustomerID	Well Name/# or Customer P.O.	Payment Terms  Net 30 Days		
Murfin	Marley #1-7/07			
Job Location	Camp Location	Service Date	Due Date	
KS2-03	Russell	( Feb 12; 2010	3/14/10	

Operator Pay

mpa

Quantity	Item	Description	Unit Price	Amount
132.00	MAT	Class A Common	13.50	1,782.00
88.00	MAT	Pozmix	7.55	664.40
7.00	MAT	Gel	20.25	141.75
55.00	MAT	Flo Seal	2.45	134.75
110.00	SER	Handling	2.25	247.50
45.00	SER	Mileage 110 sx @.10 per sk per mi	11.00	495.00
1.00	SER	Rotary Plug	990.00	990.00
45.00	SER	Pump Truck Mileage	7.00	315.00
		Account Rig L No. Amount	Description	
			Description	
		03600 016 W 3596 504%.	18 PM	1
		OKM		
II DDICES AF		Subtotal		4,770.4

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1669.64

ONLY IF PAID ON OR BEFORE PER Judy
Mar 9, 2010 2-17-10

 Subtotal
 4,770.40

 Sales Tax
 276.68

 Total Invoice Amount
 5,047.08

 Payment/Credit Applied
 RECEIVED

 TOTAL
 5,047.08

JUN 0 4 2010

KCC WICHITA

166264 166264 3377.44

# ALLIED CEMENTING CO. LLC. 041329

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERV	VICEPOINT:	
DATE 2 - 12 - 10 SEC. TWP. RANGE 24 C	ALLED OUT ON LOCATION	JOB START JOB FINISH 10:00 Am 10:30 Am COUNTY STATE	
OLD OR NEW (Circle one)	17 + I-70 4 N VAW SINTO	TRACKO KAKSAS	
CONTRACTOR MUREIN DAGS, Rig 16 TYPE OF JOB ROTERY PHIS	OWNER		KCC
HOLE SIZE 7/8  CASING SIZE SO SUFFACE DEPTH  TUBING SIZE  DRILL PIPE 44 X-H  DEPTH  DEPTH  DEPTH  DEPTH	CEMENT AMOUNT ORDERED 230, 14 # Fro-See C	SX 40 42 GeL Per SX	CONFIDENTIA
PRES. MAX MINIMUM MEAS. LINE SHOE JOINT	COMMON /32 POZMIX F&	@ 13,50 1782.0.	
CEMENT LEFT IN CSG. PERFS. DISPLACEMENT	GEL 7 CHLORIDE	@ 20,25 141.75	
EQUIPMENT	ASC_F/a Seal 55	@ 2.41- 134.75-	
PUMPTRUCK CEMENTER # 298 HELPER BULK TRUCK		@	
# 410 DRIVER LOW BULK TRUCK # DRIVER	1/2	@ 	
REMARKS:	MILEAGE 1/0/sk/m/e	@ 2,25° 247,50 4957 0- TOTAL 3465.46	
25 SK @ 2140 100 SX @ 1125	SERVI	CE	
40 SXC 270	DEPTH OF JOB	990,00	
15 SX @ Mouse Hole /HANN S	MILEAGE 55	@ 7,80 315. w	W.
CHARGE TO: MURFIN DRIlling Co.		@	
STREET STATE ZIP	PLUG & FLOAT	TOTAL /305100	
	8 % Day Hole Plug	@	
To Allied Cementing Co., LLC.		@	
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)	TOTAL	REAL
10	TOTAL CHARGES		ECEIVED
PRINTED NAME / Kupp	DISCOUNT	IF PAID IN 30 DAYS	JUN 0 4 2010



24 S. Lincoln Street P.O. Box 31 Russell, KS 67665-2906

Fax:

Voice: (785) 483-3887 (785) 483-5566

Bill To:

Murfin Drlg. Co., Inc. 250 N. Water STE #300 Wichita, KS 67202

INVOICE Juy Invoice Date: Feb 7, 2010

Page:

mpc Bm

KCC JUN 0 3 2010 CONFIDENTIAL

CustomerID	Well Name# or Customer P.O.			
Murfin	Marly #1-7			
Job Location	Marly #1-7 Camp Location	Service Date	Due Date	
KS2-01	Oakley	Feb 7, 2010	3/9/10	

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	13.50	2,025.00
3.00	MAT	Gel	20.25	60.75
5.00	MAT	Chloride	51.50	257.50
158.00	SER	Handling	2.25	355.50
45.00	SER	Mileage 158 sx @.10 per sk per mi	15.80	711.00
1.00	SER	Surface	991.00	991.00
45.00		Pump Truck Mileage	7.00	315.00
		Link Lov .		
	Account	Unit W No. Amount Descr	ption	

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 11/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

165051

ONLY IF PAID ON OR BEFORE Mar 4, 2010

Subtotal	War State of the S	4,715.75
Sales Tax	LY Day O'E 18	135.91
Total Invoice Amount	RECEIVE	4,851.66
Payment/Credit Applied	RECEIVED	4-15-6-25-19
TOTAL	JUN 0 4 2010	4,851.66

KCC WICHITA

# ALLIED CEMENTING CO., LLC. 039188

RUSS		NSAS 676	65		SER	DGKL	ey.	
DATE 2-2-10	SEC.	TWP 23	RANGE 24W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH 3.200,2	
OLD OF NEW (C		1-7	LOCATION VODO	2		Trego	STATE	
		- 'n n-	·//: 0:- /	,		-		
TYPE OF JOB	Such	Face	illing Right	OWNER S	ano			
HOLE SIZE CASING SIZE	254	T.D DEI	2/9', PTH 2/9'	CEMENT AMOUNT OF	RDERED 150	SK5 000	~	
TUBING SIZE DRILL PIPE	0.0	DEI	PTH	3% cc	2% gel	3.00		
TOOL			PTH			5.72		
PRES. MAX			NIMUM	COMMON /	90 sts	@ 13.50	2025.00	
MEAS. LINE CEMENT LEFT II	N CSG.	15 SHO	OE JOINT	POZMIX GEL .	3 5KS	@ 20,25	112	100
PERFS.			Cart of State	CHLORIDE	5 sks	@5/50	257,50	JUN 0 3 20
DISPLACEMENT		2.99.	The state of the s	ASC		@		0 3 20
	EQU	HPMENT				@		JUN 0 2 -
PUMP TRUCK	CEMENT	ER A	1,1,0	- Tellin	The time of the	@		CONFIDE
1 1	HELPER		rene	1/4		@		00
BULK TRUCK				Total Carlo		@		
	DRIVER	wil	Province Live			@ @	7.3	
BULK TRUCK	DRIVER					@		
	DICIVER	GI -	11 1 1 1 1		158 555 100.55/mile		355.50	
	RE	MARKS:		MILEAGE	OF SAJAIC		3409.25	
					SERV	ICE		
Cemer	of D	d C	rculate	DEPTH OF JO		2191	- 0	
				EXTRA FOOT		-	991.00	
			La Charles		45 miles	@ 7,00	315,00	
	7 74 8	Than	K 704	MANIFOLD .		@	0,0,00	
				-		_@		
CHARGE TO:	urFi	h			-	@		
STREET						TOTAL	106.00	
CITY	ST	ATE	ZIP		PLUG & FLOA	T FOLIPMEN	T	
					TEOG WILDON	I EQUITIVE!		
**						_ @	T. Mark	
To Allied Comme	i C- 1	110				@ @		
To Allied Cement You are hereby re			nenting equipment			@		RECEIL
and furnish ceme				The state of the s	Land Street			TOEIVED
			ne above work was			momit		JUN 0 4 200
			of owner agent or			TOTAL		KCO. 2010
			nd the "GENERAL on the reverse side	SALES TAX (	If Any)			WICHT.
	1	/	)	TOTAL CHAP	RGES			JUN 0 4 2010 KCC WICHITA
PRINTED NAME	1207	K	10P	DISCOUNT _		IF PAII		
SIGNATURE	1/	1	100				4	



Prepared For: Murfin Drilling Co.

250 N Water Ste 300 Wichita KS 67202

ATTN: Paul Gunzelman

### 7 12s 24w Trego KS

## Marley 1-7

Start Date: 2010.02.11 @ 03:14:33

2010.02.11 @ 11:02:33 End Date:

Job Ticket #: 37195 DST #: 1

KCC JUN 0 3 2010 CONFIDENTIAL

Trilobite Testing, Inc PO Box 1733 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620



Murfin Drilling Co.

250 N Water Ste 300 Wichita KS 67202

ATTN: Paul Gunzelman

ft (KB)

Marley 1-7

7 12s 24w Trego KS

Job Ticket: 37195

DST#: 1

Test Start: 2010.02.11 @ 03:14:33

#### GENERAL INFORMATION:

Formation:

LKC "I"

Deviated:

No Whipstock

Time Tool Opened: 06:37:33

Time Test Ended: 11:02:33

Interval:

4058.00 ft (KB) To 4076.00 ft (KB) (TVD)

Total Depth:

4076.00 ft (KB) (TVD)

2010.02.11

03:14:38

Hole Diameter:

Start Date:

Start Time:

7.88 inches Hole Condition:

Test Type:

Conventional Bottom Hole

Tester:

Brett Dickinson

Unit No:

Reference Bevations:

2534.00 ft (KB)

2529.00 ft (CF)

KB to GR/CF:

5.00 ft

Serial #: 8369

Press@RunDepth:

Inside

13.30 psig @

4062.00 ft (KB)

End Time:

End Date:

2010.02.11 11:02:32 Capacity: Last Calib.:

Time Off Btm:

8000.00 psig

Time On Btm:

2010.02.11 2010.02.11 @ 06:36:33

2010.02.11 @ 09:39:03

TEST COMMENT: IF-1/4in blow

ISI-No blow

FF-very weak surface blow died in 5min

FSI-No blow

				Pro	ssure vs. Time	•		
		_	6069 President	ura		ECOS Tempo		_ t
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<b>.</b>	1230 ·	Į	<u> </u>	/	<u> </u>	<u> </u>	++-	▋。』
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# PRESSURE SUMMARY

	Time	Pressure	Temp	Annotation
'	(Min.)	(psig)	(deg F)	
	0	2001.60	104.08	Initial Hydro-static
	1	12.46	103.68	Open To Flow (1)
	34	13.86	103.69	Shut-In(1)
٦.	91	23.57	105.35	End Shut-In(1)
ante e	91	13.20	105.37	Open To Flow (2)
Temperature (deg f)	122	13.30	106.49	Shut-In(2)
(dep)	182	20.90	108.61	End Shut-In(2)
3	183	1986.83	110.32	Final Hydro-static
	•			
				-

#### Recovery

Length (ft)	Description	Volume (bbl)
1.00	Oil spotted Mud	0.00

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mct/d)

Trilobite Testing, Inc.

Ref. No: 37195

Printed: 2010.02.17 @ 11:19:09 Page 2



**TOOL DIAGRAM** 

Murfin Drilling Co.

Marley 1-7

250 N Water Ste 300 Wichita KS 67202

7 12s 24w Trego KS Job Ticket: 37195

DST#: 1

ATTN: Paul Gunzelman

Test Start: 2010.02.11 @ 03:14:33

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Drill Collar:

Length:

Length: 4023.00 ft Diameter: ft Diameter: 3.80 inches Volume: 2.70 inches Volume:

56.43 bbl - bbl Tool Weight:

2500.00 lb

30.00 ft Diameter:

2.25 inches Volume: 0.15 bbl

Weight to Pull Loose: 65000.00 lb

Weight set on Packer: 25000.00 fb

Drill Pipe Above KB: Depth to Top Packer:

18.00 ft 4058.00 ft Total Volume: - bbl

**Tool Chased** 

ft

Depth to Bottom Packer:

fŧ

String Weight: Initial 50000.00 lb Final

50000.00 lb

Interval between Packers: Tool Length:

18.00 ft 41.00 ft

2 Diameter:

6.75 inches

Tool Comments:

Number of Packers:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4036.00		,
Shut in Tool	5.00			4041.00		
Hydraulic tool	5.00			4046.00		
Safety Joint	3.00			4049.00		
Packer	4.00			4053.00	23.00	Bottom Of Top Packer
Packer	5.00			4058.00		
Stubb	1.00			4059.00		
Perforations	3.00			4062.00		
Recorder	0.00	8319	Inside	4062.00		
Recorder	0.00	8369	Inside	4062.00		
Perforations	11.00			4073.00		
Bullnose	3.00			4076.00	18.00	Bottom Packers & Anchor

**Total Tool Length:** 

41.00

RECEIVED
JUN 0 4 2010
KCC WICHITA



**FLUID SUMMARY** 

Murfin Drilling Co.

Marley 1-7

250 N Water Ste 300 Wichita KS 67202 7 12s 24w Trego KS

Job Ticket: 37195

DST#: 1

ATTN: Paul Gunzelman

Test Start: 2010.02.11 @ 03:14:33

**Mud and Cushion Information** 

Mud Type: Gel Chem

9.00 lb/gal

Cushion Type:

Oil API:

deg API

Mud Weight: Viscosity:

59.00 sec/qt

Cushion Length: Cushion Volume: Water Salinity:

ppm

Water Loss: Resistivity: 6.39 in<sup>3</sup> ohm.m

Gas Cushion Type: Gas Cushion Pressure:

psig

ft

bbl

Salinity:

1600.00 ppm

Filter Cake:

inches

#### **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
1.00	Oil spotted Mud	0.005

Total Length:

1.00 ft

Total Volume:

0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Laboratory Name:

Laboratory Location:

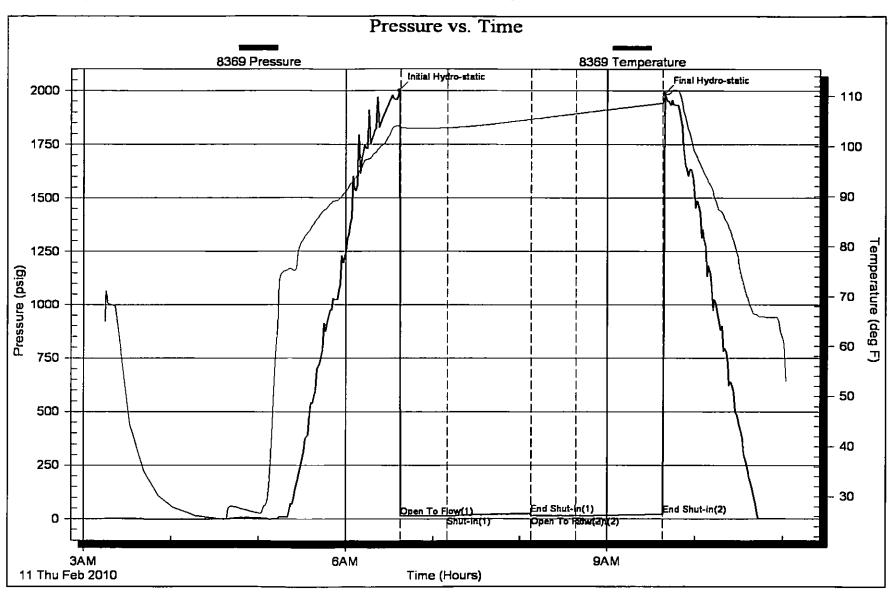
Recovery Comments:

Trilobite Testing, Inc

Ref. No: 37195

Printed: 2010.02.17 @ 11:19:11 Page 4

DST Test Number: 1



KCC MICHITA

Trilobite Testing, Inc

Ref. No: 37195

100 4 0 NOT

**KECEINED**