

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30606	API No. 15 - 15-167-23341-0000
Name: Murfin Drilling Company, Inc.	County: Russell
Address: 250 N. Water, Suite 300	NESE_SW_Sec. 28 Twp. 11 S. R. 14 ☐ East 🗸 West
City/State/Zip: Wichita, Kansas 67202	1060 S feet from 6 / N (circle one) Line of Section
Purchaser:	1 2260 W
Operator Contact Person: Tom W. Nichols	Footages Calculated from Nearest Outside Section Corner:
Phone: (<u>316</u>) <u>267-3241</u>	
Contractor: Name: Murfin Drilling Company, Inc.	
License: 30606	Wildcat
Wellsite Geologist: Brad Rine	N/A
Designate Type of Completion:	Elevation: Ground: 1819' Kelly Bushing: 1824'
✓ New Well Re-Entry Workover	Total Depth: 3560' Plug Back Total Depth: N/A
Oil SWD SIOWTemp. Abo	240
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
✓ Dry — Other (Core, WSW, Expl., Cathodic, etc.)	
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enh	(
Plug Back Plug Back Total D	Official Content
Commingled Docket No	Dewatering method doco
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
, , , , , , , , , , , , , , , , , , ,	Lease Name: License No.:
4/1/06 4/9/06 N/A Spud Date or Date Reached TD Completion	Date or Quarter Sec TwpS. R East West
Recompletion Date Recompletion	
Kansas 67202, within 120 days of the spud date, recomple Information of side two of this form will be held confidential for 107 for confidentiality in excess of 12 months). One copy of a	all be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, etion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. or a period of 12 months if requested in writing and submitted with the form (see rule 82-3-II wireline logs and geologist well report shall be attached with this form. ALL CEMENTING plugged wells. Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge.	gated to regulate the oil and gas industry have been fully complied with and the statements
Signature	KCC Office Use ONLY APR 2 1 2008
Title: Tom Nichols, Production Manager Date: 4/	19/06 Letter of Confidentiality Received ONFIDENTIA
Subscribed and sworn to before me thisday of	" Delinea, Teo Date
20_06	Wireline Log Received Geologist Report Received APR 2 4 2006 Wy Appt. Exp Wireline Log Received APR 2 4 2006 **CC WICHITA**
VICAL ERAL	Geologist Report Received
Notary Public:	SUSAN BRADY UIC Distribution 4PR 2 4 2000
Date Commission Expires: 11-4-0	HOTARY PUBLIC STATE OF KANSAS **COLAR:**
	My Appt Exp
(532-1-45)	11/2

KCC

_ Lease Name: Bar S Ranch . Well #: <u>1-28</u> Operator Name: Murfin Drilling Company, Inc. County: Russell _ Twp. 11 S. R. 14 ☐ East 🗸 West 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. ✓ Yes No **✓** Log Formation (Top), Depth and Datum Sample **Drill Stem Tests Taken** (Attach Additional Sheets) Name Top Datum Yes No Samples Sent to Geological Survey ☐ Yes 🗸 No Cores Taken ✓ Yes No Electric Log Run (Submit Copy) SEE ATTACHED LIST List All E. Logs Run: Dual Induction, Compensated Porosity, Microresistivity CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Weight Lbs. / Ft Type and Percent Size Hole Size Casing Setting Type of # Sacks Purpose of String Set (In O.D.) Depth Additives Drilled Used Surface 3% cc, 2% gel 8 5/8 219 Common 150 sx ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth #Sacks Used Type and Percent Additives Type of Cement 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 (Amount and Kind of Material Used) Depth Specify Footage of Each Interval Perforated TUBING RECORD Size Set At Packer At Liner Run ✓ No Yes **Producing Method** Date of First, Resumerd Production, SWD or Enhr. Gas Lift Other (Explain) Pumping Flowing **Estimated Production** Water Bbls. Gas-Oil Ratio Gravity Mcf Oil Bbls. Gas RECEIVED
APR 2 4 2006
KCC WICHITA Per 24 Hours Production Interval METHOD OF COMPLETION Disposition of Gas Perf. Dually Comp. Commingled ___ ☐ Vented ☐ Sold ☐ Used on Lease Open Hole (If vented, Submit ACO-18.) Other (Specify)

Bar S Ranch #1-28 Daily drilling report Page two KCC
APR 2 1 2006
CONFIDENTIAL

4/8/06

RTD 3560'. Cut 110'. DT: none. CT: 20 ¾ hrs. Dev.: 2° @ 3560'. HC @ 12:00 p.m. 4/7/06. Log Tech logged from 4:00 to 9:00 p.m. 4/7/06, LTD @ 3559'. **Arbuckle:** no show. Allied plugged hole w/60/40 poz. as follows: 25 sx. @ 3480', 25 sx. @ 925', 60 sx. @ 475', 10 sx. @ 40', 15 sx. in RH. Started @ 8:00 a.m., comp. @ 11:30 a.m. 4/8/06. Orders from Herb Deines, KCC @ Hays.

4/9/06

RTD 3560'. CT: 8 ½ hrs. Rig Released @ 3:30 p.m. 4/8/06. FINAL REPORT.

	MDCI Bar S Ranch #1-28 2260 FWL 1060 FSL Sec. 28-11-14W						Thunderbird #1 Bar "S" Ranch "B" SW SE SE Sec. 28-11-14W		
	1824' KB							1822 KB	
Formations	Sample Tops	Datum	Ref	Log tops	Datum	Ref	Log Tops	Datum	
Anhydrite	904	+920	-8	907	+917	-11	894	+928	
B/Anhydrite	941	+883	-8	941	+883	-8	931	+891	
Topeka	2725	-901	-5	2722	-898	-2	2718	-896	
Heebner	2984	-1160	-4	2980	-1156	Flat	2978	-1156	
Toronto	3003	-1179	-4	2998	-1174	+1	2997	-1175	
Lansing	3036	-1212	-4	3033	-1209	-1	3030	-1208	
BKC	3306	-1482	-2	3302	-1478	+2	3302	-1480	
Arbuckle	3499	-1675	-6	3497	-1673	-4	3491	-1669	
RTD	3560						3512		
LTD		† 		3559			3500		

Bar S Ranch #1-28

Operator: Murfin Drilling Company, Inc. Contractor: Murfin Drilling Company, Inc.

n Drilling Company, Inc. CONFIDENTIAL Rig #8

Well site Geologist: Brad Rine

Nig

Black Tiger Prospect #3215

Contact Person:

Scott Robinson

.

Phone number:

316-267-3241

2260 FWL 1060 FSL Sec. 28-T11S-R14W

Russell County, Kansas

API#: 15-167-23341

Call Depth: 2300' Spud: 3:45 p.m. 4/1/06

Casing:

8 5/8" @ 219'

TD: 3560'

Elevation:

1819' GL

1824' KB

DAILY INFORMATION:

3/31/06

Move tomorrow 4/1/06.

4/1/06 MIRT. HAD A 10' FILL ON LOCATION. CHANGED ELEVATION.

4/2/06 Depth 375'. Cut 375'. DT: 8 hrs. (WOC), ½ hr. (pump). CT: none. Dev.:

½° @ 219'. Spud @ 3:45 p.m. 4/1/06. Ran 5 jts. = 211.46' of 8 5/8" surf. csg. set @ 219', cmt. w/150 sx. comm., 3% cc, 2% gel. Plug down @ 8:45 p.m. 4/1/06, drilled out plug @ 4:45 a.m. 4/2/06, circ. 6 bbls by Allied.

4/3/06 Depth 1900'. Cut 1535'. DT: ¾ hr. (air). CT: none. Dev.: ¾ @ 1455'.

4/4/06 Depth 2740'. Cut 840'. DT: none. CT: 3/4 hr. Dev.: none.

4/5/06 Depth 3095'. Cut 355'. DT: none. CT: 12 hrs. Dev.: 1 1/40 @ 3095'.

DST #1 2982-3095' (Toronto, Lansing A, B, C): 30-60-45-60. IF: wk blw built to 4". FF: wk blw building to 1". Rec. 65' TF. 40' VSLO & GCM (2% G, 5% O, 93% M), 25' V SL OCM (1% O, 99% M). HP: 1454-1427;

FP: 21/55, 59/70; SIP: 794-797.

4/6/06 Depth 3190'. Cut 95'. DT: none. CT: 20 3/4 hrs. Dev.: none. **DST #2**

3098-3135' (Lansing E/F zones): 30-60-45-60. IF: wk blow building to 3". FF: wk blow building to 2". Rec. 130' TF, 1' OCWM (20% O, 30% W, 5% M), 67' WM w/SL SO (TR O, 30% W, 70% M), 60' WCM w/SL SO (TR O, 10% W, 90% M), 2' SLWCM (5% W, 95% M), Chl. 36,000 ppm, mud

system 6,900 ppm. HP: 1474-1454; FP: 19/51, 53/83; SIP: 614-588.

4/7/06 Depth 3450'. Cut 260'. DT: ¼ hr. (pump). CT: 15 hrs. Dev.: none.

DST #3 3171-3310 (LKC H, I, J, K, L zones): 30-45-30-60. IF: wk blow building to 1". FF: no blow. Rec. 5' M. HP: 1561-1555; FP: 20/29,

30/42; SIP: 638-607.

CONFIDENTIAL

Bar S Ranch #1-28 Daily drilling report Page two

4/8/06

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Toronto	3003	-1179	-4	2998	-1174	+1	2997	-1175
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BKC	3306	-1482	-2	3302	-1478	+2	3302	-1480
Arbuckle	3499	-1675	-6	3497	-1673	-4	3491	-1669
RTD	3560						3512	
LTD				3559			3500	

Addied Cementing Co., Inc P.O. Box 31

Russell, KS 67665

INVOICE

Invoice Number: 101647

Invoice Date: 04/10/06

APR 2 1 2006

3156.35

CONFIDENTIAL

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

Wichita, KS

67202

Cust I.D....: Murfin

P.O. Number.: Glaussen #1 Bar S Ranch

P.O. Date...: 04/10/06

Due Date.: 05/10/06 Terms....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	ΤX
Common	150.00	SKS	9.6000	1440.00	Т
Gel	3.00	SKS	15.0000	45.00	Т
Chloride	5.00	SKS	42.0000	210.00	T
Handling	158.00	SKS	1.7000	268.60	E
Mileage min.	1.00	MILE	200.0000	200.00	E
Surface	1.00	JOB	735.0000	735.00	E
Mileage pmp trk	15.00	MILE	5.0000	75.00	E
Wiper Plug	1.00	EACH	55.0000	55.00	T
All Prices Are No	et, Payable 30 Days	Following Sub	total:	3028.60	
Date of Invoice.	1 1/2% Charged The	reafter. Tax	:	127.75	
If Account CURREN	IT take Discount of	\$ 302.86 Pay	ments:	0.00	
	.d. 20 da E +		_ ¬	2256 25	

ONLY if paid within 30 days from Invoice Date Total...:

BAR 3 RANCH 1-28 CAMPIDENTIAL REMIT TO P.O. BOX 31 SERVICE POINT: **RUSSELL, KANSAS 67665** OLD OR NEW (Circle one) CONTRACTOR TYPE OF JOB HOLE SIZE **CEMENT** T.D. **CASING SIZE** DEPTH **TUBING SIZE DEPTH** DRILL PIPE **DEPTH** TOOL **DEPTH** PRES. MAX **MINIMUM COMMON** MEAS. LINE **POZMIX CEMENT LEFT IN CSG** @ PERFS. CHLORIDE @ **DISPLACEMENT** ASC @ **EQUIPMENT** PUMPTRUCK # 398 CEMENTER_ BULK TRUCK 378 **BULK TRUCK DRIVER** HANDLING @ MILEAGE 15 TOTAL 216360 **REMARKS: SERVICE DEPTH OF JOB** PUMP TRUCK CHARGE **EXTRA FOOTAGE** MILEAGE _ @ 500 MANIFOLD . @ TOTAL _8/0° STREET STATE _ PLUG & FLOAT EQUIPMENT **@** 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 TOTAL _ done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND TAX ___ CONDITIONS" listed on the reverse side. TOTAL CHARGE -IF PAID IN 30 DAYS