

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15- 071-20581-0000

County Greeley

C - W/2 - W/2 - SW Sec. 1 Twp. 18S Rge. 43W E

1320 Feet from S/N (circle one) Line of Section

4950 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Blackbird Well # 1e1

Field Name Unknown

Producing Formation Morrow

Elevation: Ground 3888 KB 3897

Total Depth 5250 PBSD 5209

Amount of Surface Pipe Set and Cemented at 547 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 1968 Feet

If Alternate II completion, cement circulated from 1968

feet depth to surface w/ 350 sx cnt.

Drilling Fluid Management Plan *DLR 12-71-92*  
(Data must be collected from the Reserve Pit)

Chloride content 5200 ppm Fluid volume 2500 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name RELEASED

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County FROM CONFIDENTIAL

Operator: License # 30606

DEC 10

Name: Murfin Drilling Co., Inc.

CONFIDENTIAL

Address 250 N. Water, Suite 300

City/State/Zip Wichita, KS 67202

Purchaser: n/a

Operator Contact Person: Larry M. Jack

Phone ( ) 267-3241

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Scott Banks

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.

Gas ENHR X SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBSD

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

10/23/92 11/1/92 11/25/92

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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.

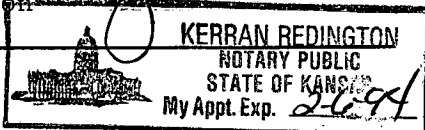
Signature *Larry M. Jack*

Title Larry M. Jack, Production Mgr. Date 12/10/92

Subscribed and sworn to before me this 10 day of Dec. 19 92.

Notary Public *Kerran Redington*  
Kerran Redington

Date Commission Expires 2/6/94



K.C.C. OFFICE USE ONLY  
RECEIVED  
KANSAS COMMISSION  
DEC 12 17 1992  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Geologist Report Received  
Distribution  
KCC SWD/Rep NGPA  
KGS Plug (Specify)

SIDE TWO

Operator Name Murfin Drilling Co., Inc.

Lease Name Blackbird

Well # 1-1

Sec. 1 Twp. 18S Rge. 43W  
 East  
 West

County Greeley

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Topeka	3842 (+ 55)	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	4080 (- 183)	
List All E.Logs Run: DEL, ESDE/DSN		Lansing	4150 (- 253)	
		Marmaton	4562 (- 665)	
		Cherokee	4711 (- 814)	
		Atoka	4906 (-1009)	
		MRW Shale	5031 (-1134)	
		MRW SD	5148 (-1251)	
		MISS	5188 (-1291)	

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	12 1/4	8 5/8	23#	547	Lite Common	150 125	3% cc 2% gel, 3% cc
Production	7 7/8	4 1/2	10.5#	5252	Class A Class A Lite	200 50 300	10% salt, 3% FL50

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	Top Bottom			
<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 (Amount and Kind of Material Used)	Depth
4	5130-32	none	

TUBING RECORD	Size <u>2 3/8</u>	Set At <u>5033</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj.	Producing Method
Shut in 11/25/92	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas 860 Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval as above

MURFIN DRILLING CO., INC.  
ATTACHMENT TO ACO-1 WELL COMPLETION REPORT  
BLACKBIRD #1-1  
W/2 W/2 SW/4 Sec. 1-18S-43W  
Greeley County, KS

RELEASED

JAN 25 1994

ORIGINAL

FROM CONFIDENTIAL

DST DATA:

DST #1: 5040-5175' - Packer failure.

DST #2: 5030-5175' - Morrow. 30-45-60-90. Tool open @ 11:15 p.m. - will start out @ 3:00 a.m. IF: Immed strong blow. GTS 5 min. 10 min. 1269 mcf, 20 min. 1488 mcf., 30 min. 1639 mcf. FF: 10 min. 1205 mcf, 20 min. too much mud, 30 min. too much mud, 40 min. 1856 mcf, 50 min. 1813 mcf, 60 min. 1683 mcf. REC: 60' WM, 850' W, chlorides 58,000 ppm. No show oil. HP: 2446-2386, SIP: 985-985, FP: 906-906/906-906. Sampler: 650 psi - 8 cubic ft gas - no oil or water.

DEC 10  
CONFIDENTIAL

RECEIVED  
TECHNICAL REGULATION COMMISSION  
DEC 17 1992  
OIL DIVISION  
KANSAS

Russell, Kansas  
5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812  
Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

1470

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
10-22-92	1	18S	43W	2:30	6 PM	10:30	11:00
Lease	Well No.	Location		County	State		
Blackbird	1-1	Tribune 14W 3N 1/2W		Greeley	Ks.		
Contractor				Owner			
Co Tools #24				Same			
Type Job							
Surface							
Hole Size		T.D.					
12 1/4		554					
Csg.		Depth					
8 5/8" 23*		547					
Tbg. Size		Depth					
Drill Pipe		Depth					
		RELEASED					
Tool		Depth					
Cement Left in Csg.		Shoe Joint					
15'		IAN 2 5 1994					
Press Max.		Minimum					
Meas Line		Displace					
no		FROM CONFIDENTIAL 34661					
Perf.							

You 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 listed.

Charge To Martin Drilling Co.  
Street 250 N. Water Suite 300  
City Wichita State Ko 67202  
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. Al Louis McKenna

CEMENT

Amount Ordered	150 Lite 3% CC - 125 Common 3% CC	
Consisting of		
Common	125	5.50 687.50
Pos-Mix	150 lite	4.50 675.00
Gel.		
Chloride	8	21.00 168.00
Quickset		
Handling	275	1.00 275.00
Mileage	100	1100.00
		Total \$ 2905.5

EQUIPMENT

No.	Cementer	Gary Keith
Pumptrk 158	Helper	
No.	Cementer	Bill
Pumptrk	Helper	
	Driver	
Bulktrk 220	Driver	

DEPTH of Job

Reference:	Pump Truck	380.00
100	Mileage	200.00
	8 5/8" TWP	42.00
	247' at .39	96.33
	<b>Total</b>	<b>718.33</b>

Remarks: Cement did circulate

Thank you  
Stan L. Stone

Floating Equipment

Total \$ 3623.83  
Disc - 724.77  
\$ 2899.06

RECEIVED  
NATIONAL COMMISSION  
DEC 17 1992  
DIVISION

DEC 10  
CONFIDENTIAL



BJ SERVICES COMPANY

ORIGINAL

ORIGINAL

INVOICE DATE  
10/31/92

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: BJ SERVICES CO. USA P.O. BOX 297476 HOUSTON, TX 77297
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PAGE 1 INVOICE NO. 2001804

AUTHORIZED BY: 001804

PURCH ORDER REF NO.

MURFIN DRILLING

BOX 661  
COLEY KS 67701

USED FOR Comp  
APPROVED ELP

WELL NUMBER : 1-1 CUSTOMER NUMBER : 2579 - 0

LEASE NAME AND NUMBER FLACABIRD 1-1	STATE 16	COUNTY/PARISH 1451	CITY	DISTRICT NAME Hayes	DISTR NO. 583
JOB LOCATION/FIELD NA	MTA DISTRICT	DATE OF JOB 10/31/92	TYPE OF SERVICE LAND-LONG STRING/PRODUCT		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100333	1.00	CEMENT CASING 5.001 TO 5.500 FEET	1395.00		1,395.00
10109005	66.00	MILEAGE CHRG, FROM NEAREST BASE OF	2.47		163.02
10409600	16.00	ROTATING SCRATCHERS	33.50	GAL	536.00
10409600	1.00	INSERT	168.00	GAL	168.00
10409600	1.00	GUIDE SHOE	109.00	GAL	109.00
10409600	1.00	BASKET	125.00	GAL	125.00
10409600	1.00	CENTRALIZER-BASKET	167.42	GAL	167.42
10409600	7.00	CENTRALIZERS	43.55	GAL	304.85
10409600	1.00	PORT COLLAR	1456.00	GAL	1,456.00
10409600	1.00	THREAD LOCK	22.80	GAL	22.80
10410504	200.00	CLASS "A" CEMENT	7.11	CF	1,422.00
10415038	1900.00	A-5 SALT	0.12	LB	228.00

RELEASED  
JAN 25 1994  
FROM CONFIDENTIAL

ACCOUNT

DEC 10  
CONFIDENTIAL

RECEIVED  
REGISTRATION COMMISSION  
DEC 17 1992  
REGISTRATION DIVISION  
MONTGOMERY, PENNSYLVANIA

TAX EXEMPTION STATUS:



BJ SERVICES COMPANY

ORIGINAL

ORIGINAL

INVOICE DATE

10/31/92

DIRECT BILLING INQUIRIES TO: 713-895-5023	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: BJ SERVICES CO., USA P.O. BOX 297476 HOUSTON, TX 77297
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PAGE: 2	INVOICE NO. 2001804
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AUTHORIZED BY: 003804
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PURCH ORDER REF. NO.
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MURKIN KILLING

BOX 661  
COLBY KS 67701

WELL NUMBER : 1-1      CUSTOMER NUMBER : 2579 - 0

LEASE NAME AND NUMBER ELACKSIRC	STATE 14	COUNTY/PARISH 1453	CITY	DISTRICT NAME Hayes	DISTR. NO. 583
JOB LOCATION/FIELD NA	MTA DISTRICT	DATE OF JOB 10/31/92	TYPE OF SERVICE LAND-LONG STRING/PRODUCT		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10422548	56.00	FL-90	7.89	LB	441.84
10424005	38.00	CD-31	4.07	LB	154.66
10425010	500.00	MUD-SWEEP, WITH BJ-TITAN PUMPING E	1.73	GAL	865.00
10430508	1.00	4-1/2" TOP RUBBER PLUG	44.75	EA	44.75
10880001	227.10	MIXING SERVICE CHARGE DRY MATERIAL	1.16		263.44
10902509	1.00	ROTATING HEAD, WHEN USED WITH BJ-T	200.00		200.00
10902520	1.00	STANDARD CMT HEAD, PER JOB	58.00		58.00
10940101	866.40	DRAYAGE, PER TON MILE	0.79		684.26
<b>RELEASED</b>					
<b>JAN 2 5 1994</b>					
<b>FROM CONFIDENTIAL</b>					
SUBTOTAL					8,667.04
DISCOUNT					1,733.40

ACCOUNT NO. 4-90002 KS-NEW WELL	236.97
<b>DEC 10</b>	4,936.64
<b>CONFIDENTIAL</b>	STATE CORPORATION COMMISSION
	<b>RECEIVED</b> <b>DEC 17 1992</b>
	DIVISION

TAX EXEMPTION STATUS:	PAY THIS AMOUNT	7,170.61
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BJ SERVICES COMPANY

ORIGINAL

ORIGINAL

INVOICE DATE

11/18/92

DIRECT BILLING INQUIRIES TO:	TERMS	REMIT TO:
713-895-5821	NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	BJ SERVICES, CO. USA P.O. BOX 297476 HOUSTON, TX 77297

PAGE	INVOICE NO.
1	2001307

AUTHORIZED BY
001307

PURCH. ORDER REF. NO.

MURFIN DRILLING

BOX 651  
COLBY KS 67701

WELL NUMBER : 1-1

CUSTOMER NUMBER : 2579 - 0

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
BLACKBIRD	14	14AB		Oakley	585
JOB LOCATION/FIELD		MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE	
AA			11/18/92	LAND-LONG STRING/PRODUCT	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100311	1.00	CEMENT CASING 1.50X 7L 2.00J FEET	995.00		995.00
10109005	95.00	WILEAGE CHRG. FROM NEAREST CASE OF	1.47		139.65
10410504	245.00	CLASS "A" CEMENT	7.11	CF	1,741.95
10415018	105.00	FLY ASH	3.81	CFT	400.05
10420165	1600.00	PJ GEL. BFNTOLNITE, PER POUND	0.15	LB	240.00
10080001	376.50	MIXING SERVICE CHARGE DRY MATERIAL	1.16		436.86
10909910	1.00	OPENING TOOL	200.00		200.00
10940101	1539.00	DRAWAGE, PER 10W MILE	0.79		1,215.81
SUBTOTAL					5,369.32
DISCOUNT					1,503.41

RELEASED  
JAN 25 1994  
FROM CONFIDENTIAL

ACCOUNT	1.00007 LOGAN	1,715.34	17.15
	4.90002 KS-NEW WELL	1,715.34	84.04
DEC 10		CONFIDENTIAL	

RECEIVED  
REGISTRATION COMMISSION  
DEC 17 1992

TAX EXEMPTION STATUS: PAY THIS AMOUNT