

CONFIDENTIAL

ORIGINAL
SIDE ONE

JUL 02 1991

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

Operator: License # 6033
Name: Murfin Drilling Company
Address 250 N. Water,
Suite 300
City/State/Zip Wichita, Ks. 67202
Purchaser: TEXACO
Operator Contact Person: Larry M. Jack
Phone (316) 267-3241
Contractor: Name: Norseman Drilling Company
License: 3779
Wellsite Geologist: Paul Godowic

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable
4-18-90 4-29-90 6/19/90
Spud Date Date Reached TD Completion Date

API NO. 15- 071-20,508-0000 FROM CONFIDENTIAL

County Greeley

NE NW NE Sec. 25 Twp. 18S Rge. 43 East West

4950 Ft. North from Southeast Corner of Section

1650 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

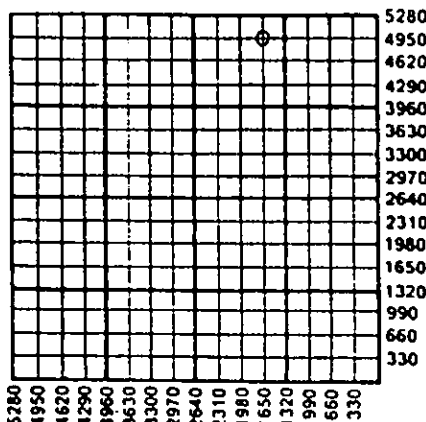
Lease Name SCHMIDT "C" Well # 1-25

Field Name unknown

Producing Formation Morrow

Elevation: Ground 3866 KB 3878

Total Depth 5264 PBDT 5120'



Amount of Surface Pipe Set and Cemented at 629' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1960 Feet

If Alternate II completion, cement circulated from 1960
feet depth to surface w/ *to be cemented
in mid-July. sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 By: Larry M Jack
Title Production Manager Date _____
Subscribed and sworn to before me this 28 day of June
19 90.
Notary Public Kerran Redington
Kerran Redington
Date Commission Expires 2/6/94



K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

ORIGINAL

SIDE TWO

Operator Name Murfin Drilling Company Lease Name Schmidt "C" Well # 1-25
 Sec. 25 Twp. 18S Rge. 43 East County Greeley
 West

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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

JUL 02 1991

Formation Description

FROM CONFIDENTIAL Log Sample

Name	Top	Bottom
See Attached Page		

See Attached Page

See Attached Page

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
Surface	12-1/4"	8-5/8"	23#	629'	regular	125	3% cc
Prod	7 7/8"	4 1/2"	10.5#	5265'	Class H	200	10% salt, 1% Halaid 322

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	5106.5 - 5109.5'	Frac w/11500 gal. MY-T-Oil w/8500# 20/40 sand	5106.5-09.5'

TUBING RECORD Size 2 3/8" Set At 5096' Packer At _____ Liner Run Yes No

Date of First Production 6/20/90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil <u>20</u> Bbls.	Gas <u>--</u> Mcf	Water <u>105</u> Bbls.	Gas-Oil Ratio <u>--</u>	Gravity <u>--</u>
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

Production Interval 5106.5-09.5'

CONFIDENTIAL

Operator: Murfin Drilling Company

ORIGINAL

- . SCHMIDT "C" #1-25
- . Schmidt/Robin #2435-04
- . NE NW NE Sec. 25-18S-43W
- . Greeley County, Kansas

DST #1: 5006-5146 (Lower Morow Sds)

30-60-60-120

IF: Strong Blow off the btm of bucket in 1 min. GTS in 20 min.

FF: GTS Immediately

- Gauged 491 mcf - 5 min 1/2" choke
- 594 mcf - 10 min 1/2" choke
- 1,104 mcf - 20 min 3/4" choke
- 872 mcf - 25 min
- 756 mcf - 30 min
- 639 mcf - 35 min
- 639 mcf - 40 min
- 639 mcf - 45 min
- 639 mcf - through 60 min

REC: 510' GCM - no oil or water

HP: 2574-2516, SIP: 920-863, FP: 589-316/463-248, BHT: 128°

RW: Rec- .9 ohms @ 50° - 10,000 ppm chlorides

Pit- 1.0 ohms @ 50° - 9,000 ppm chlorides

SAMPLER CHAMBER: 6.4 cf gas, 215 psi, No oil, water, or mud present.

DST #2: 5113-5266 (Lower Morrow Sd) (log depths)

30-60-60-120

IF: wk 3/8" blow

FF: wk blow intermittent

REC: 105' M w/spts oil

HP: 2668-2609, SIP: 908-794, FP: 90-90/90-113, BHT: 141°

RW: Rec- .2 @ 50° - 50,000 ppm chlorides

Pit- 1.0 @ 45° - 9,000 ppm chlorides

SAMPLER CHAMBER: 3100 ccm w/spts oil, 50 psi, No water or gas present.

STATE RECEIVED

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JUL 29 1990

FROM CONFIDENTIAL

CONFIDENTIAL ORIGINAL

SCHMIDT "C" #1-25

Schmidt/Robin #2435-04

NE NW NE Sec. 25-18s-43W

Greeley County, Ks.

DST #3: 5002-5226 (Lower Morrow Sands) (log depths)

60-60-180-120

IF: strong blow off btm of bucket in 2-1/2 min, GTS 5 min.

15 min 398 mcf - Gauged with 3/4" choke

20 min 449 mcf

25 min 473 mcf

30 min thru 60 min 497 mcf

FF: GTS in 5 min

5 min 522 mcf

10 min 522 mcf

15 min 522 mcf

20 min 497 mcf

25 min 497 mcf

30 min 497 mcf

35 min 473 mcf

40 min 449 mcf

45 min 449 mcf

50 min 424 mcf

55 min 424 mcf

60 min 398 mcf

65 min 398 mcf

70 min 384 mcf

80 min 370 mcf

85 min 357 mcf

90 min 344 mcf

95 min thru 155 min 344 mcf

160 min thru 180 min 331 mcf

Rec: 510' Total Fluid

180' S1 GCM

90' 0 sptd M

130' OCM (30% O, 70% M) (69' O, 161' M)

HP: 2280-2151, SIP: 805-760, FP: 452-260/ 282-214, BHT: 141'

Sampler Rec: 350 ccw, 950 ccocm, 5.2 cf gas

RW: Sampler- 1.5 @ 50° - 6000 ppm chlorides

Pit - .9 @ 50° - 9000 ppm chlorides

FILED

JUL 02 1991

FROM CONFIDENTIAL

STATE

JUL 2 1990

Continued

CONFIDENTIAL**ORIGINAL**

SCHMIDT "C" #1-25
 Schmidt/Robin #2435-04
 NE NW NE Sec. 25-18S-43W
 Greeley County, Ks.

LOG TOPS:

TOPEKA	3792 (+ 86)
HEEBNER	4043 (-165)
LKC	4105 (-227)
STARK	4402 (-524)
BKC	4530 (-652)
MARMATON	4543 (-665)
CHEROKEE	4676 (- 798)
ATOKA	4877 (- 999)
MRW	5019 (-1141)
T/ U SD	NP
B/ U SD	NP
T/ L SD	5103 (-1225)
B/ L SD	5110 (-1232)
T/ L SD	5125 (-1247)
B/ L SD	5132 (-1254)
KEYES	5137 (-1259)
MISS	5222 (-1344)
RTD	5264
LTD	5266

CONFIDENTIAL

JUL 02 1991

FROM CONFIDENTIAL

STATE OF KANSAS
 JUL 02 1991

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

TO: Murfin Drilling Company, Inc.
250 N. Water Suite 300
Wichita, KS 67202

INVOICE NO. 56335
PURCHASE ORDER NO. _____
LEASE NAME Schmidt C-1-25
DATE April 19, 1990

J. J. King

(Schmidt C-1-25 April 19, 1990)

SERVICE AND MATERIALS AS FOLLOWS:

Common 245 sks @ \$5.00	\$ 1,225.00
Poz Mix 80 sks @ \$2.25	180.00
Chloride 19 sks @ \$20.00	<u>200.00</u>
Handling 325 sks @ \$.90	292.50
Mileage (100) @ \$.03 per sk per mi	975.00
Surface	360.00
MI @ \$1.00 Pmp Trk	100.00
331" (over 300 ft) @ \$.39	129.09
1 Plug	<u>60.00</u>

\$ 1,605.00

1,916.59

Total

\$ 3,521.59

(704.32)

\$ 2817.27

Cement Circ.

03600 60009070 ~~THANK YOU~~ 338159 *Ernst King*
(704.32)

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

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JUL 02 1991

FROM CONFIDENTIAL

ALLIED CEMENTING CO., INC. No. 8112

Home Office P. O. Box 31, Russell, Kansas 67665

New

Date **4-19-90** Section **25** Type **18** Range **43** Call **5:30 AM** On Location **8:15 AM** Job Start **11:15 am** Finish **10:45 am**

Lease **Schmidt's** Well No. **1-25** Location **Tribune 14 W 1/2 S** County **Mooney** State **Kansas**

Contractor **Norseman Drilling Inc** Owner **Murphy**

Type Job **Surface - Deepen**

Hole Size **12 1/4"** I.D. **632'**

Csg. **8 5/8"** Depth **631'**

Tbg. Size **6 3/4"** Depth **631'**

Drill Pipe **6 3/4"** Depth **631'**

Tool **6 3/4"** Depth **631'**

Cement Left in Csg. **Shoe Joint 44'**

Press Max **500*** Minimum **300***

Meas Line **MS** Displace **37.3**

Perf. **None**

Charge To **Murphy Drilling Co. Inc.**

Street **2500 N. Water Suite 300**

City **Archita** State **Ko.** Zip **67202**

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. **None**

Exec **Gene Heider**

Amount Ordered **200 60/40 3% CC, 125 comm 3% CC**

EQUIPMENT

New

No.	Cement
Pump truck # 63	Helper Jason Drilling
Pump truck # 46	Helper Paul Klitape
Bulk truck # 46	Driver Johnny Mullins
Bulk truck	Driver

Consisting of		
Common	245 245	5.00 1225.00
Por. Mix.	80	2.25 180.00
Gel.		
Chloride	10	20.00 200.00
Quickset		
Sales Tax		
Handling	325	.90 292.50
Mileage	100	9.75 975.00
Sub Total		
Total 2872.50		

DEPTH of Job

Reference: Pump truck charges	360.00
Mileage	100.00
8 5/8" rubber plug	60.00
331' at 39'	129.09
Total	649.09

Remarks: **Cement did circulate.**

Floating Equipment

1 8 5/8" Baffle plate - N/C

TOTAL \$ 3521.59

Disc - 704.32

\$ 2817.27

Thank you.

JUN 20 1990

JUN 02 1991

INVOICE

INVOICE



A DIVISION OF HALLIBURTON COMPANY

DALLAS, TX 75395-1046

INVOICE NO.	DATE
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410755 05/01/1990

WELL LEASE NO.	WELL LOCATION	STATE	WELL OWNER
WARRANTY 1-25	REELEY	KS	SAME
INVOICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
APPROVED <i>EL PL</i>	MORSEMAN DRILLING	CEMENT PRODUCTION CASING	05/01/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
4100 ED LOEFLAND			
			SHIPPED VIA
			COMPANY TELEPHONE
			24934

DIRECT CORRESPONDENCE TO: JUN 02 1990

MURFIN DRUG CO
BOX 661
COLBY, KS 67701

SUITE 500
COLORADO BERRY BUILDING
WICHITA, KS 67202-0000

FROM CONFIDENTIAL

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	ICING AREA - MID CONTINENT				
00-117	MILEAGE	60	MI	2.20	132.00
		1	UNT		
01-016	CEMENTING CASING	5270	FT	1,200.00	1,200.00
		1	UNT		
10-317	SUPER FLUSH	10	SK	74.00	740.00
15-172	HYDRAZINE	12	GAL	26.50	318.00
6	INSERT VALVE F. S. - 4 1/2"	1	EA	216.00	216.00
847.6316					
7	FILL-UP UNIT 4 1/2"-5"	1	EA	27.50	27.50
815.19111					
0	CENTRALIZER 4-1/2" MODEL S-4	12	EA	41.00	492.00
807.93004					
0	ROTO WALL CLEANER 2 1/8" SPIKE	14	EA	22.00	308.00
807.0007					
6	PASBRIP LIMIT CLAMP 4 1/2"	1	EA	9.60	9.60
807.64021					
19-000	FO D CEMENTER PINED	1	EA	1,450.00	1,450.00
20	CEMENT BASKET 4 1/2"	2	EA	85.00	170.00
900.8681					
95	B-WIPER L-D FLUG - 4 1/2"	1	EA	159.00	159.00
801.0373					
94	4 1/2" LATCH DOWN BAFFLE	1	EA	100.00	100.00
801.03734					
80	HALLIBURTON WELD-A	1	LB	11.00	11.00
890.10802					
104-043	PREMIUM CEMENT	200	SK	7.19	1,438.00
109-968	SALT	866	LB	.09	77.94
107-775	HALAB-322	188	LB	5.60	1,052.80
100-207	BULK SERVICE CHARGE	212	CFT	.95	201.40
100-306	MILEAGE ONTG NAT DEL OR RETURN	645.26	THI	.70	451.68

***** CONTINUED ON NEXT PAGE *****

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

INVOICE

(HALLIBURTON)
SERVICES

DALLAS, TX 75395-1046

A DIVISION OF HALLIBURTON COMPANY

INVOICE NO. 910755 DATE 05/01/1990

WELL LEASE NO. UMDIT C 1-25	WELL LOCATION GREELEY	STATE KS	WELL OWNER SAME
SERVICE LOCATION	CONTRACTOR NORSEMAN DRILLING	JOB PURPOSE CEMENT PRODUCTION CASING	TICKET DATE 05/01/1990
CUSTOMER AGENT ED LOFFELAND	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK FILE NO. 74934

DIRECT CORRESPONDENCE TO:

MURFIN DRILG CO
BOX 361
COLBY, KS 67701

SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	INVOICE SUBTOTAL				8,554.92
	DISCOUNT-(BID)				2,138.72-
	INVOICE BID AMOUNT				6,416.20
	*--KANSAS STATE SALES TAX				147.83
	*--GREELEY COUNTY SALES TAX				34.79
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				6,598.82

JUL 02 1990
FROM CONFIDENTIAL

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STATE OF KANSAS
JUN 29 1990

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT. CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.