

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION 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

Operator Contact Person Larry M. Jack
Phone 267-3241

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist
Phone

Designate Type of Completion

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

If OWWO: old well info as follows:

Operator Murfin Drilling Company
Well Name Mildrexter "B" #3
Comp. Date 6/12/59 Old Total Depth 3820'

WELL HISTORY

Drilling Method:

orig 6/6/59 Mud Rotary Air Rotary Cable
OWWO 5/16/87 OWWO 5/28/87 OWWO 6/3/87
Spud Date Date Reached TD Completion Date
1814' 1758'
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 212' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #

API NO. 15-065-01017-00-01

County Graham

C 3 SE NE Sec. 6 Twp. 7S Rge. 22W East West

3300 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

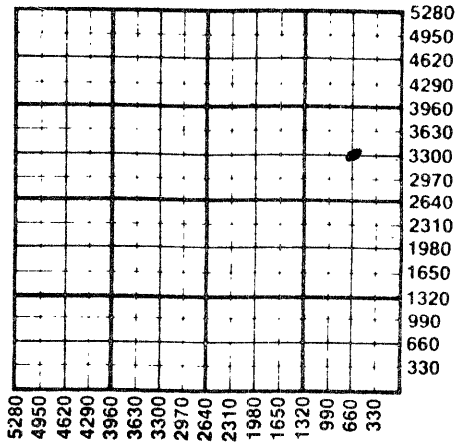
Lease Name Mildrexter "B" Well # 3

Field Name Mt. Vernon

Producing Formation Cedar Hills

Elevation: Ground 2363' KB 2368'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater...Ft North from Southeast Corner (Well) ...Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water...Ft North from Southeast Corner (Stream, pond etc)...Ft West from Southeast Corner Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D. #)

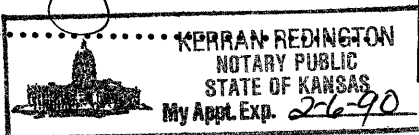
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.

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. 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 By: Larry M. Jack
Title Eastern Div., Prod. Mgr. Date 6/25/87

Subscribed and sworn to before me this 25 day of June 1987
Notary Public: Kerran Redington
Date Commission Expires 2/6/90



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
KCC SWD/Rep NGPA
KGS REIVED Other
STATE CORPORATION COMMISSION (Specify)
JUN 30 1987
06-30-87
FORM ACO-1 (5-86)
Wichita, Kansas

Sec. 6, Twp. 7S, Rge. 22W

SIDE TWO

Operator Name Murfin Drilling Company Lease Name Mildrexter "B" Well # 3 OWWO

Sec. 6 Twp. 7S Rge. 22W East West County Graham

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name Top Bottom

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"	24#	212'	-	165	
Prod.	7 7/8"	5 1/2"	15.5#	1790'	Howcolite 60/40 Poz	300 175	1/4#/sx flocele 2% gel, 1/4#/sx flocele 3% GC
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	1692-97', 1662-67', 1648-53', 1628-33'			---			
TUBING RECORD Size 2 3/8" Set At 1582 Packer at 1582 Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No							
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB	Production Interval		

METHOD OF COMPLETION Vented Open Hole Perforation
 Sold Other (Specify) as above
 Used on Lease Dually Completed
 Commingled



A DIVISION OF HALLIBURTON COMPANY

15-065-01017-00-01

NO. 450563-3

CO24

FORM 1906 R-10 ZADH

PAGE 1 OF 2 PAGES

WELL NO. - FARM OR LEASE NAME #2 SWD M. Idexter	COUNTY Graham	STATE Ks	CITY/OFFSHORE LOCATION	DATE 5-23-87
CHARGE TO Murfin Delg Co	OWNER Murfin Delg	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS PO Box 16101	CONTRACTOR 17 Murfin Delg	LOCATION 1 Oberlin		CODE 50329
CITY, STATE, ZIP Tulsa, Ks 67701	SHIPPED VIA 3579-50181 4718	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		LOCATION 2
DUNCAN USE ONLY Disc To: 4100.00 (127)	DELIVERED TO NE H.I.C. 1, K	LOCATION 3		CODE
	ORDER NO	REFERRAL LOCATION		
	WELL TYPE 11	WELL CATEGORY 01	WELL PERMIT NO	
TYPE AND PURPOSE OF JOB 035 Cmt Csg.				B-

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. 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. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-117		1		MILEAGE 324.3-3579	45	mi	2	units	2.10	189.00
001-016		1		Pump Chg	790					879.00
007-7		1		Summer Wash					1.50	750.00
030-016		1		Stw Plug	5 1/2		1	EA		41.00

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B- 738817** 4150 88

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X P.T. Canaday
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X [Signature]
CUSTOMER OR HIS AGENT (SIGNATURE)

TAX REFERENCES

SUB TOTAL 5279.98

RECEIVED

STATE CORPORATION TAX

TAX

JUN 30 1987

TOTAL

J. Harrison HALLIBURTON OPERATOR

W.D. Hughes CONSERVATION DIVISION
Wichita, Kansas

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND/OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

HALLIBURTON APPROVAL

FIELD OFFICE

**AND
TICKET CONTINUATION**

FOR INVOICE AND TICKET NO. *15-065-01017-00-01*

A Division of Halliburton Company

15-065-01017-00-01

DATE 03 May 1987	CUSTOMER ORDER NO.	WELL NO. AND FARM	COUNTY Graham	STATE KS
CHARGE TO Murfin Drilling Co.		OWNER Murfin Drilg. Co.	CONTRACTOR Murfin	No. B738817
MAILING ADDRESS P.O. Box 661		DELIVERED FROM Oberlin, KS	LOCATION CODE 50329	PREPARED BY Lyle
CITY & STATE Colby, KS 67701		DELIVERED TO N/Hill City	TRUCK NO.	RECEIVED BY

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
504-308		1	B	Standard Cement	45	sk			6.75	303	75
506-105		1	B	Pozmix 'A'	30	sk			3.50	105	00
506-121		1	B	(1) Halliburton Gel Allowed 2%							R/C
507-210		1	B	Flocele	19	lb			1.21	22	99
509-406		1	B	Calicum Chloride	2	sk			25.75	51	50
504-118		1	B	Halliburton Light Cement	300	sk			5.99	1,797	00
507-210		1	B	Flocele	75	lb			1.21	90	75
504-308				195 sks Standard Cement							
506-105				105 sks Pozmix 'A'							
507-277				15 sks Halliburton Gel							
504-308		1	B	Standard Cement	60	sk			6.75	405	00
506-105		1	B	Pozmix 'A'	40	sk			3.50	140	00
506-121		1	B	(2) Halliburton Gel Allowed 2%							N/C
507-210		1	B	Flocele	25	lb			1.21	30	25
509-406		1	B	Calicum Chloride	3	sk			25.75	77	25
				Returned Mileage Charge	TOTAL WEIGHT		LOADED MILES		TON MILES		
				SERVICE CHARGE ON MATERIALS RETURNED					CU. FEET		
500-207		1	B	SERVICE CHARGE					485.	.95	355 25
500-306		1	B	Mileage Charge	33,200 43,469	STATE CORPORATION COMMISSION		45		.70	33,200 30
					TOTAL WEIGHT		LOADED MILES		TON MILES		684 54
No. B 738817						RECEIVED JUN 30 1987		CARRY FORWARD TO INVOICE		SUB-TOTAL 3,213 4,150 88	

DISTRICT Uberlin, Ks

DATE 5-28-87

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Murfin Drilg Co. (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. SWD #2 LEASE Mildrextee SEC. 6 TWP. 7S RANGE 22W

FIELD Mildrextee COUNTY Graham STATE Ks OWNED BY MURFIN DRILG CO

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
TOTAL DEPTH 1795 MUD WEIGHT _____
BORE HOLE 7 7/8
INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	U		5 1/2	G.L	1790	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
Cmt 5 1/2" used casing for disposal with 175 sk 60/40 Poz 29066 4 1/4" # Flocc 2700
300 sacks HLC with 1/4" Flocclejsk. Product 500000 Superflush

New Well

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration, the above-named Customer agrees:

- (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
- (b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
- (c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
- (d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
- (e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
- (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
- (g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- (h) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
- (i) Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
- (j) 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.
- (k) This contract shall be governed by the laws of the state where services are performed or equipment or materials are furnished.
- (l) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED [Signature] CUSTOMER
DATE 5-22-87
TIME 2030 A.M. / P.M.
RECEIVED STATE CORPORATION COMMISSION JUN 30 1987 CONSERVATION DIVISION Wichita, Kansas

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

FIELD OFFICE

CUSTOMER: Mudwin Drilling Co
 LEASE: M. Dreyer
 WELL NO.: 523-97
 JOB TYPE: Art. Casing
 DATE: 5-23-87

FIELD M. Dreyer SEC. 6 TWP. 7s RANG. 22w COUNTY Graham STATE Ks

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____
 PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	U		5 1/2	G.L.	1790	
LINER						
TUBING						
OPEN HOLE					1795	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-22-87</u>	DATE <u>5-22-87</u>	DATE <u>5-27-87</u>	DATE <u>5-27-87</u>
TIME <u>0800</u>	TIME <u>1245</u>	TIME <u>2045</u>	TIME <u>2330</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T. GARRISON	33599	Oberlin
E. Reynolds	Comb NT-400	Ks
J. Keenan	50151	Oberlin
R. Hagan	BIK-TRK	Ks
S. DODD	4718-0194	Oberlin
B. Louderback	BIK-TRK	Ks.
J. Keenan	3243	"
H. D. HUGHES	Lamb.	"

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API _____
 DISPL. FLUID _____ DENSITY _____ LB/GAL. API _____
 PROP. TYPE _____ SIZE _____ LB. _____
 PROP. TYPE _____ SIZE _____ LB. _____
 ACID TYPE _____ GAL. _____ % _____
 ACID TYPE _____ GAL. _____ % _____
 ACID TYPE _____ GAL. _____ % _____
 SURFACTANT TYPE _____ GAL. _____ IN _____
 NE AGENT TYPE _____ GAL. _____ IN _____
 FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN _____
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN _____
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN _____
 BREAKER TYPE _____ GAL.-LB. _____ IN _____
 BLOCKING AGENT TYPE _____ GAL.-LB. _____
 PERFFAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT Cmt
 DESCRIPTION OF JOB Cmt casing for disposal well
 JOB DONE THRU: TUBING CASING ANNULUS TBC./ANN.
 CUSTOMER REPRESENTATIVE X [Signature]
 HALLIBURTON OPERATOR J. Harrison ND H. D. Hughes ND [Signature] COMES REQUESTED

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	175	60/40	A	Poz	B	2% Gel 1/4# Floxale 3% CC	14.25	14.6
1	300	HLC	A	Poz	B	1/4# Floxale	1.85	13.4

PRESSURES IN PSI
 CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
 ORDERED _____ AVAILABLE _____ USED _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 32 REASON Shoe Joint

SUMMARY

VOLUMES

PRELUSH: BBL. 1.2 TYPE Superfl
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL. BBL. _____
 CEMENT SLURRY: BBL. 132 STATE CORPORATION COMMISSION
 TOTAL VOLUME: BBL.-GAL. 192
 REMARKS See Job Log
 JUN 30 1987
 CONSULTATION DIVISION
 Wichita Kansas

JOB LOG

WELL NO. SWD 4 LEASE 111. KATEXCO TICKET NO. 450563-3
 CUSTOMER Murphy Dels 15-065-91017-00-01
 PAGE NO. 109
 JOB TYPE CM 5 1/2 csg for disposal well. DATE 5-23-87

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
5-23	0800							Time CALLED-READY @ 1300
	1245							On loc - D. Played down - Unit rigging up to run 5 1/2 Used 15.5' casing
	1400							Setup Halco Equip
	1445							Unit start casing w/ Baker Floating equip.
	1645							Circ casing wouldnt go - app 1100'
								Hooked up swivel & mud pump.
								Casing still wouldnt go - Apparent to be out of hole.
								Decided to pull casing & go back in on 5-25-87 with D.P.
	2130							Shut down
5-27	1900							Called out Ready NOW
	2045							ON LOC SET UP EQUIP
								Csg on Bottom & CIRC
	2140							Hook up PC, SET PITS
	2155	3				300		ST 300 SK HLC, 1/4 Flr colr
		5						175 SK 60-40 Poz-2 3/4 Gal 1/4 Flr colr
			138					3 3/4 CC
	2237					450		FINISH CNT.
	2238							WASH PUMP LINES Release Plug
	2240	4	4					ST, DISPL
	2252		44			1500		FINISH DISPL
	2256							Release-FLOAT Holding
								<u>CIRC 40 BBL CNT.</u>
								Started
								THOMAS-JOHAN-ELSON

RECEIVED
STATE CORPORATION COMMISSION

JUN 30 1987

CONSERVATION DIVISION
Wichita Kansas