

CONFIDENTIAL
TIGHT HOLE

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

API NO. 15-137-20416 - 0000

County Norton

-NE -SE -SW Sec 16 Twp. 3S Rge 24 X W

990 Feet from S (circle one) Line of Section

2970 Feet from E (circle one) Line of Section

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

Lease Name WALLACE REYNOLDS Well # 1-16

Field Name UNKNOWN

Producing Formation _____

Elevation: Ground 2349' KB 2354'

Total Depth 3660' PBTB

Amount of Surface Pipe Set and Cemented at 232' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan DFA 9/27/01 AB
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume 2500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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Operator: License # 30606

Name: Murfin Drilling Co., Inc.

Address 250 N. Water, Suite 300

City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: Larry M. Jack

Phone (316) 267 - 3241

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Roger Welty

Designate Type of completion

x New Well _____ Re-Entry _____ Workover _____

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

x 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 _____ PBTB

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

01/24/01 01/30/01 01/30/01
Spud Date Date Reached TD Completion Date

KCC

MAR 16 2001

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JUL 10 2002

FROM CONFIDENTIAL

ORIGINAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Room 2078, 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 Manager Date 2000

Subscribed and sworn to before me this 16th day of Feb. 2001.

Notary Public Barbara J. Dodson

Date Commission Expires 12/16/03

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached yes

C Wireline Log Received

C Geologist Report Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other (Specify)

RECEIVED

FEB 20 2001

2-20-2001

CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

Operator Name Murfin Drilling Co. Inc.

Lease Name WALACE-REYNOLDS Well # 1-16

Sec. 16 Twp. 3 S Rge. 24W

East
 West

County NORTON

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.) Yes No *LB KCC*

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run (Submit Copy.) Yes No

List all E.Log

Log Formation (Top), Depth and Datums Sample
Name Top Datum

SEE ATTACHED LIST

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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"	24#	232	Common	170	3% cc, 2% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: _ Perforate _ Protect Csg _ Plug Back TD _ Plug Off Zone	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives

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
	<i>KCC</i>		
	<i>MAR 16 2001</i>		
	<i>CONFIDENTIAL</i>	<i>ORIGINAL</i>	

TUBING RECORD	Size	Set At	Packer At	Liner
				<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method	Estimated Production Per 24 Hours	Oil Bbbs	Gas Mcf	Water Bbbs	Gas-Oil Ratio	Gravity
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other						

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 _____

ALLIED CEMENTING CO., INC. 5415

Federal Tax I.D.# [REDACTED]

ORIGINAL

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Ogley

DATE <u>1-29-01</u>	SEC. <u>18</u>	TWP. <u>35</u>	RANGE <u>24 W</u>	CALLED OUT	ON LOCATION <u>9:00 PM</u>	JOB START <u>10:00 PM</u>	JOB FINISH <u>12:15 AM</u>
LEASE <u>Wallace Reynolds</u>	WELL # <u>1-18</u>	LOCATION <u>Norton 6 W 2 S 1/2 W</u>	COUNTY <u>Norton</u>	STATE <u>KS</u>			
OLD OK NEW (Circle one)							

CONTRACTOR Murfin Drlg Rig 16 OWNER Same

TYPE OF JOB PTH

HOLE SIZE 7 7/8 T.D. 3660' CEMENT AMOUNT ORDERED 200 sks 60/40 per 676 gal 1/4" Flt Seal

CASING SIZE DEPTH TUBING SIZE DEPTH DRILL PIPE DEPTH 1930'

TOOL DEPTH PRES. MAX MINIMUM MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. PERFS. DISPLACEMENT

EQUIPMENT

PUMP TRUCK CEMENTER Dean
191 HELPER Andrew
BULK TRUCK DRIVER Dave
218
BULK TRUCK DRIVER

COMMON	<u>120 sks</u>	@	<u>7.50</u>	<u>906.00</u>
POZMIX	<u>80 sks</u>	@	<u>3.25</u>	<u>260.00</u>
GEL	<u>10 sks</u>	@	<u>9.50</u>	<u>95.00</u>
CHLORIDE		@		
<u>Flt-Seal</u>	<u>50 #</u>	@	<u>1.15</u>	<u>57.50</u>
		@		
		@		
		@		
		@		
HANDLING	<u>212 sks</u>	@	<u>1.05</u>	<u>222.60</u>
MILEAGE	<u>44 per sk/mile</u>			<u>1746.24</u>
TOTAL				<u>2,287.34</u>

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JUL 10 2002

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REMARKS:

SERVICE

1st Plug at 1930' w/ 125 sks
2nd Plug at 1250' w/ 100 sks
3rd Plug at 280' w/ 40 sks
40' w/ 10 sks
1.53k in Rat Hole
10sk in mouse Hole
Thank you

DEPTH OF JOB	<u>1930'</u>
PUMP TRUCK CHARGE	<u>580.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>88 miles</u>	@ <u>3.00</u> <u>264.00</u>
PLUG <u>87% Plug</u>	@ <u>23.00</u>
	@
	@
TOTAL	<u>867.00</u>

CHARGE TO: Murfin Drlg Co Inc
STREET _____
CITY _____ STATE _____ ZIP _____

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 done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Bill Lynn

PRINTED NAME Bill Lynn

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ALLIED CEMENTING CO., INC. 5414

Federal Tax I.D.# [REDACTED]

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Oakley

ORIGINAL

DATE <u>1-23-01</u>	SEC <u>16</u>	TWP. <u>35</u>	RANGE <u>24W</u>	CALLED OUT	ON LOCATION <u>7:10 PM</u>	JOB START <u>7:50 PM</u>	JOB FINISH <u>8:15 PM</u>
WALKER LEASE <u>Raynolds</u>	WELL # <u>1-16</u>	LOCATION <u>Norton 6W 25 1/2 W</u>	COUNTY <u>Norton</u>	STATE <u>KS</u>	OLD OR NEW (Circle one)		

CONTRACTOR <u>Murfin Drig Rig 16</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>238'</u>
CASING SIZE <u>8 7/8</u>	DEPTH <u>238'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>14 1/4 Bbls</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Dean</u>	
# <u>191</u> HELPER <u>Andrew</u>	
BULK TRUCK	
# <u>315</u> DRIVER <u>Dave</u>	
BULK TRUCK	
#	DRIVER

CEMENT	AMOUNT ORDERED	
	<u>170 sks Com 3% cc 2% Gel</u>	
COMMON	<u>170 sks @ 7.55</u>	<u>1,283.50</u>
POZMIX	@	
GEL	<u>3 sks @ 9.50</u>	<u>28.50</u>
CHLORIDE	<u>6 sks @ 28.00</u>	<u>168.00</u>
	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>179 sks @ 1.05</u>	<u>189.95</u>
MILEAGE	<u>44.75 sk/mile</u>	<u>630.00</u>
TOTAL		<u>2,298.03</u>

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JUL 10 2002

FROM CONFIDENTIAL
KCC
MAR 16 2001
CONFIDENTIAL

REMARKS:

Cement did circulate
Thank you

SERVICE

DEPTH OF JOB	<u>238'</u>
PUMP TRUCK CHARGE	<u>470.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>88 miles</u>	@ <u>3.00</u> <u>264.00</u>
PLUG <u>8 7/8 Surface</u>	@ <u>45.00</u>
	@
	@
TOTAL <u>779.00</u>	

CONFIDENTIAL

CHARGE TO: Murfin Drig Co
STREET _____
CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL _____		

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 done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Bill Wynn

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS
PRINTED NAME Bill Wynn