

ORIGINAL

FORM MUST BE TYPED

Side One

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

Operator: License # 5428
Name: Graves Drilling Co., Inc.
Address: P.O. Box 8250
City/State/Zip: Wichita, KS 67208-0250
Purchaser:
Operator Contact Person: Phyllis A. Freeman
Phone: (316) 687-2777
Contractor Name: Duke Drilling Co., Inc.
License #: 5929
Wellsite Geologist: Arden Ratzlaff
Designate Type of Completion
 New Well Re-Entry Workover Temp. Abd.
 Oil SWD SIOW
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date: _____

 Deepening Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or inj?) Docket No. _____

2/19/00 2/26/00 2/26/00
Spud Date Date Reached TD Completion Date

API NO. 15- 095-21761 0000
County: Kingman

NW - NW - NW - Sec. 13 Twp. 28S Rge. 5 W
330 Feet from ^{North} ~~South~~ Line of Section
555 Feet from West Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, x (NW) SW(circle one)

Lease Name: Gowin Well #: 1
Field Name: Vinita Pool
Producing Formation: D&A
Elevation: Ground 1384' ft KB 1393 ft
Total Depth: 3870' ft PBDT _____
Amount of Surface Pipe Set and Cemented at: 252' ft
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ ft
If Alternate II Completion, cement circulated from:
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan RAA 5-8-00 UR
(Data must be collected from the Reserve Pit)

Chloride content 15,000 ppm Fluid Volume 640 bbls
Dewatering method used Hauled

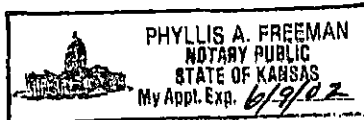
Location of fluid disposal if hauled offsite:
Operator Name: Graves Drilling Co., Inc.
Lease Name: Ritchey SWD
SE/4 Quarter Sec. 2 Twp. 28S Rge. 5W W
County Kingman Docket No. 45,953-C

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Rm 2078, Wichita, KS 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: Fredrick W. Stump
Fredrick W. Stump
Title: Exploration Manager

Subscribed and sworn to before me this 20th day of March, 2000.
June 9, 2002
Dt Commission Expires Phyllis A. Freeman
Phyllis A. Freeman, Notary Public



K.C.C. OFFICE USE ONLY
F N Letter of Confidentiality Attached
C W Wireline Log Received
C W Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Form ACO-1 (7-91)

Side Two

Operator Name: Graves Drilling Co., Inc. Lease Name: Gowin Well #: 1
 Sec. 13 Twp. 28S Rge. 5 W Kingman

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)

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
Heebner	2640	-1253
Lansing	2938	-1551
Stark Sh	3312	-1925
Mississippi	3761	-2374

List All E.Logs Run: Dual Induction, Neutron-Density

CASING RECORD <input checked="" 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#	252	60/40 Poz	185	3% cc, 2% gel

ADDITIONAL CEMENTING/ SQUEEZE RECORD					
Purpose:	Depth Top	Depth Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - <small>Bridge Plugs Set/Type</small>		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(AMOUNT AND KIND OF MATERIAL USED)	Depth

TUBING RECORD	SIZE	SET AT	PACKER AT	LINER RUN
				<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other

Estimated Production Per 24 Hours	Oil Bbbls	Gas MCF	Water Bbbls	Gas - Oil Ratio	Gravity
					35 degrees

Disposition of Gas: Vented Sold Used on Lease

METHOD OF COMPLETION
 Open Hole Perf. Dually Comp.
 Commingled Other (specify) _____
 Production Interval _____

(If vented, submit ACO-18)

RECEIVED
STATE CORPORATION COMMISSION

MAR 21 2000

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

ALLIED CEMENTING CO., INC.

P.O. BOX 31
RUSSELL KS 67665
PH (785) 483-3887
FAX (785) 483-5566

*
* INVOICE *
*

Invoice Number: 080726

Invoice Date: 02/19/00

Sold Graves Drilling Co., Inc.
To: P. O. Box 8250
Wichita, KS
67208

Cust I.D.....: Graves
P.O. Number...: Gowin #1
P.O. Date.....: 02/19/00

Due Date.: 03/20/00
Terms...: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	111.00	SKS	6.3500	704.85	E
Pozmix	74.00	SKS	3.2500	240.50	E
Gel	3.00	SKS	9.5000	28.50	E
Chloride	6.00	SKS	28.0000	168.00	E
Handling	185.00	SKS	1.0500	194.25	E
Mileage (50)	50.00	MILE	7.4000	370.00	E
185 sks @\$.04 per sk per mi					
Surface	1.00	JOB	470.0000	470.00	E
Mileage pmp trk	50.00	MILE	2.8500	142.50	E
Wooden plug	1.00	EACH	45.0000	45.00	E

All Prices Are Net, Payable 30 Days Following Subtotal: 2363.60
 Date of invoice. 1 1/2% Charged Thereafter. Tax.....: 0.00
 If Account CURRENT take Discount of \$ 472.72 Payments: 0.00
 ONLY if paid within 30 days from Invoice Date Total....: 2363.60

RECEIVED
STATE CORPORATION COMMISSION

MAR 21 2000

CONSERVATION DIVISION
Wichita, Kansas

RECEIVED
FEB 23 2000

all refer to
front side
ducts, etc.

CEMENTING CO., INC.

PO BOX 34
WESSELL, KS 67665
PH (785) 483-3887
FAX (785) 483-5566

ORIGINAL
INVOICE

3/17

Invoice Number: 080779

Invoice Date: 02/26/00

Sold Graves Drilling Co., Inc.
To: P. O. Box 8250
Wichita, KS
67208

Cust. I.D. : Graves
P.O. Number : Gowin #1
P.O. Date : 02/26/00

Due Date: 03/27/00
Terms: Net 30

Item I.D./Description	Qty. Used	Unit	Price	Net	TX
Common	66.00	SKS	6.3500	419.10	E
Pozmix	44.00	SKS	3.2500	143.00	E
Gel	4.00	SKS	9.5000	38.00	E
Handling	110.00	SKS	1.0500	115.50	E
Mileage (50)	50.00	MILE	4.4000	220.00	E
110 sks @\$.04 per sk per mi					
Rotary Plug	1.00	JOB	470.0000	470.00	E
Mileage pmp trk	50.00	MILE	2.8500	142.50	E

All Prices Are Net, Payable 30 Days Following
 Date of Invoice. 1 1/2% Charged Thereafter.
 If Account CURRENT take Discount of \$ 309.62
 ONLY if paid within 30 days from Invoice Date

Subtotal: 1548.10
 Tax: 0.00
 Payments: 0.00
 Total: 1548.10

< 309.62
1238.48

RECEIVED
STATE CORPORATION COMMISSION

MAR 21 2000

CONSERVATION DIVISION
Wichita, Kansas

5304 112047

✓ 5310 112047

RECEIVED
MAR - 8 2000

ALLIED CEMENTING CO., INC.

1643

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Oa Alex

DATE <i>12/18/99</i>	SEC. <i>30</i>	TWP. <i>33s</i>	RANGE <i>32W</i>	CALLED OUT	ON LOCATION <i>3:15 PM</i>	JOB START <i>9:30 AM</i>	JOB FINISH <i>10:30 AM</i>
LEASE <i>Vacant</i>	WELL # <i>1-3</i>	LOCATION <i>Liberal 7W 4E 1/2 N E1S</i>			COUNTY <i>Seward</i>	STATE <i>Ks</i>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR *Cheyenne #8*
 TYPE OF JOB *Cmt 8 3/4 Surface CSG*
 HOLE SIZE *12 1/4* T.D.
 CASING SIZE *8 3/4 2 1/2* DEPTH *598*
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX *500* MINIMUM
 MEAS. LINE SHOE JOINT *42*
 CEMENT LEFT IN CSG. *42*
 PERFS.
 DISPLACEMENT *35.4 BBL*

OWNER *same*
 CEMENT
 AMOUNT ORDERED
650 sks Lite + 370 cc 1/4" Flo-seal
200 sks Class A
 COMMON *200 sks* @ *7.55* *1510.00*
 POZMIX @
 GEL @
 CHLORIDE *28 sks* @ *28.00* *784.00*
Lite weight 650 sks @ *6.65* *4322.50*
Flo-seal 163 @ *1.15* *187.45*
 @
 @
 @
 @
 HANDLING *850 sks* @ *1.05* *892.50*
 MILEAGE *850 sks 30 mi* *1020.00*

EQUIPMENT
 PUMP TRUCK CEMENTER *Max*
 # *102* HELPER *Walt*
 BULK TRUCK
 # *259* DRIVER *SHane*
 BULK TRUCK
 # *240* DRIVER *Dave*

TOTAL ~~8726.45~~
8716.45

REMARKS:

SERVICE

*Try To Run 8 3/4 csg would not go Pull csg
 Condition Hole Csg still would not go
 9:30 PM 12/19/99 Pull Csg gain with 17 1/2"
 Bit + Ream Down Cmt 8 3/4 csg with
 650 sks Lite + 200 sks Class A Drop
 Plug Displace 35.4 BBL Land Plug
 Cement did circulate*

DEPTH OF JOB *598*
 PUMP TRUCK CHARGE *580.00*
 EXTRA FOOTAGE @
 MILEAGE *12 mi* @ *2.85* *34.20*
 PLUG *8 3/4 Rubber* @ *90.00*
Additional Hrs 32 Hrs @ *100.00* *3200.00*
 @

TOTAL *3904.20*

CHARGE TO: *Elder + Vaughn*
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

1-8 3/4 Tex Batt shoe @ *196.00*
1-8 3/4 AFU Insert @ *247.00*
3-8 3/4 Centralizers @ *30.00* *90.00*
2-Thread locks @ *3.000* *60.00*
1-8 3/4 Reg shoe @ *183.00*

TOTAL *776.00*

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 ~~10000.00~~
 DISCOUNT ~~2000.00~~ *2679.33* IF PAID IN 30 DAYS

SIGNATURE *Adam Perez*

Adam Perez
 PRINTED NAME

ALLIED CEMENTING CO., INC.

2133

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Medicine Lodge

DATE <u>12-22-99</u>	SEC. <u>30</u>	TWP. <u>33S</u>	RANGE <u>32W</u>	CALLED OUT <u>9:00 pm</u>	ON LOCATION <u>12:00 AM</u>	JOB START <u>5:40 AM</u>	JOB FINISH <u>6:00 AM</u>
LEASE <u>Jacquart</u>	WELL# <u>1-30</u>	LOCATION <u>160/183/51/Jct</u>			COUNTY <u>Seward</u>	STATE <u>KS.</u>	
OLD OR <u>NEW</u> (Circle one)		<u>2S, 4E, 1/2 N 1/5</u>					

CONTRACTOR _____ OWNER _____
 TYPE OF JOB Production
 HOLE SIZE 7 7/8 T.D. 2770
 CASING SIZE 4 1/2 x 10.5 DEPTH 2777
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1100 MINIMUM -
 MEAS. LINE _____ SHOE JOINT 40.27
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 44 Bbls Freshwater

CEMENT
 AMOUNT ORDERED 12S 5x ASC + 5[#] Kol-seal

 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 12S 5x ASC @ 9.05 1131.25
 Kol-seal 62S[#] @ .38 237.5
 _____ @ _____
 _____ @ _____
 HANDLING 12S 5x @ 1.20 150.00
 MILEAGE 25 x 30 x .04 150.00

 TOTAL 1668.75

EQUIPMENT

PUMP TRUCK CEMENTER Carl Balding
 # 352 HELPER Stane Winsor
 BULK TRUCK
 # 301 DRIVER David West
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

SERVICE

Run 2777 feet casing + Break Circ.
pump 12S 5x ASC + 5[#] Kol-seal.
Wash pump + lines.
Release plug.
Displace with 44 bbls freshwater.
hand plug.
Release pressure + float held.

DEPTH OF JOB 2777
 PUMP TRUCK CHARGE 1185.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 12 @ 2.85 34.20
 PLUG Rubber @ _____ 38.00
 _____ @ _____
 _____ @ _____
 TOTAL 1257.20

CHARGE TO: EIDER + VAUGHN, 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.

TOTAL _____
 TAX _____
 TOTAL CHARGE 2925.95
 DISCOUNT 585.19 IF PAID IN 30 DAYS
NET 2340.76

SIGNATURE [Signature]

Jack H. Vaughn
 PRINTED NAME