

ORIGINAL

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, Kansas 67208

Purchaser: _____

Operator Contact Person: Fredrick W. Stump

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

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

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

If Workover:

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. _____

07-10-99 07-16-99 07-16-99

Spud Date Date Reached TD Completion Date

API NO. 15- 077-21375 0000

County Harper County, Kansas

NE - SE - NW - _____ Sec. 19 Twp. 31 Rge. 8 XXXW^E

1850 Feet from SW (circle one) Line of Section

2310 Feet from EW (circle one) Line of Section

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

Lease Name Jack Well # 3

Field Name Spivey Grabs

Producing Formation Mississippi

Elevation: Ground 1585' KB 1593'

Total Depth 4486' PBTB 4500'

Amount of Surface Pipe Set and Cemented at 230 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 Att 1, 11-2-99 uc.
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume 320 bbls

Dewatering method used Hauled off

Location of fluid disposal if hauled offsite: _____

Operator Name Jody Oil & Gas Corp

Lease Name sanders #3 License No. 03288

SW Quarter Sec. 20 Twp. 31 S Rng. 8 EW

County Harper Docket No. D-23,313

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 Phyllis A. Trillman

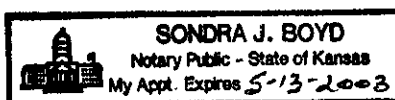
Title Executive Administrator Date 10/4/99

Subscribed and sworn to before me this 4th day of October, 19 99.

Notary Public Sondra J. Boyd

Date Commission Expires May 13-2003

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		



Operator Name Graves Drilling Co., Inc.

Lease Name Jack

Well # 3

Sec. 19 Twp. 31 Rge. 8

East
 West

County Harper County, Kansas

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 Datum Sample

Name	Top	Datum
Mississippi	4358	-2765.

List All E.Logs Run:
Compensated Neutron Density
Sonic Log
Dual Induction

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#	230'	60/40 Poz	190	3%cc 2%gel
Production	7-7/8"	5-1/2"	15.5#	4482'	50/50 Poz	125	12.5%salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top 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 - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated.	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	Perfs. 4364 to 4376	600 gal 10% EE Acid	
		10,000 # 100 Mesh	
		36,000 # 12/20 Mesh	
		4,000 # AC Frac	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8	4442		

Date of First, Resumed Production, SMD or Inj. 7-29-99 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	12		130		150			32

Disposition of Gas: METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

4364-4376'

ALLIED CEMENTING CO., INC.

2625

Federal Tax I.D.# 48-0727860

PO. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

ORIGINAL

15-077-21375-0000

At Band

DATE 7-10-99	SEC. 19	TWP. 31	RANGE 8	CALLED OUT 1:00 PM	ON LOCATION 2:30 PM	JOB START 5:30 PM	JOB FINISH 6:00 PM
LEASE Tasha	WELL # 3	LOCATION Attica - 6N, 3/4W, N/into			COUNTY Harper	STATE Ks	
OLD OR NEW (Circle one)							

CONTRACTOR Dale #2	OWNER Semme
TYPE OF JOB Surface	
HOLE SIZE 12 1/4" T.D. 231'	CEMENT
CASING SIZE 8 3/8" New 23'	AMOUNT ORDERED 190 lbs 6/40 370 cc
TUBING SIZE DEPTH	270 Del
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	
MEAS. LINE SHOE JOINT	
CEMENT LEFT IN CSG. 15'	
PERFS.	
DISPLACEMENT 13 3/4 bbls,	
EQUIPMENT	
PUMP TRUCK CEMENTER Tom D	
# 181 HELPER Bob D	
BULK TRUCK	
# 242 DRIVER Paul W	
BULK TRUCK	
# DRIVER	

COMMON	114	@ 6.35	723.90
POZMIX	76	@ 3.25	247.00
GEL	3	@ 9.50	28.50
CHLORIDE	6	@ 28.00	168.00
		@	
		@	
		@	
		@	
HANDLING	190	@ 1.05	199.50
MILEAGE	26		197.60
			TOTAL \$1564.50

REMARKS:

Ran 230' of New 8 3/8" csg. Broke circulation
Mixed 190 lbs 6/40 370 cc 270 Del. Released
Plug. Displaced with fresh #70.

Cement did circulate ✓
Tasha

SERVICE

DEPTH OF JOB 230'	
PUMP TRUCK CHARGE	470.00
EXTRA FOOTAGE	@
MILEAGE 26	@ 2.85 74.10
PLUG 1-8 3/8" wooden	@ 45.00 45.00
	@
	@
TOTAL \$589.10	

CHARGE TO: Jody Oil + Gas Corp.
STREET PO Box 422
CITY Attica STATE Ks ZIP 67009

FLOAT EQUIPMENT

RECEIVED
STATE HIGHWAY DEPARTMENT

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.

OCT 1 1999

10-13-99

WASHER DIVISION
WICHTAX 0

TOTAL

TOTAL CHARGE \$2153.60
DISCOUNT \$430.72 IF PAID IN 30 DAYS

SIGNATURE

[Signature]

X Robert T. Miller
PRINTED NAME

Net \$1722.88

ALLIED CEMENTING CO., INC.

1939 ORIGINAL

Federal Tax I.D.# 48-0727860

SHIP TO: P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Med. Lodge, KS

15-077-2375-0000

DATE <u>9-16-99</u>	SEC. <u>19</u>	TWP. <u>31S</u>	RANGE <u>8W</u>	CALLED OUT <u>1:00 A.M.</u>	ON LOCATION <u>4:00 A.M.</u>	JOB START <u>7:30 A.M.</u>	JOB FINISH <u>9:00 A.M.</u>
LEASE <u>TACK</u>		WELL# <u>3</u>	LOCATION <u>Attica, kn-3/4w-n/side</u>		COUNTY <u>Harper</u>	STATE <u>KS.</u>	
OLD OR NEW (Circle one)							

CONTRACTOR <u>Duke #2</u>	OWNER <u>Graves / Jody O. + GAS</u>
TYPE OF JOB <u>Prod. Csg.</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4486'</u>
CASING SIZE <u>5 1/2 x 5.5</u>	DEPTH <u>4476'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>1000</u>	MINIMUM <u>200</u>
MEAS. LINE	SHOE JOINT <u>33.0</u>
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>2% KCL - 107 Bu/s</u>	
EQUIPMENT	
PUMP TRUCK # <u>343</u>	CEMENTER <u>Larry Dreding</u>
	HELPER <u>Justin Hart</u>
BULK TRUCK # <u>301</u>	DRIVER <u>Kevin Brunardt</u>
BULK TRUCK #	DRIVER
	TOTAL

CEMENT	
AMOUNT ORDERED <u>500 gals mud-Clean</u>	
<u>2.5% KCL - 107 Bu/s</u>	
<u>17% SALT + 5% KCL - SEALT, 3% FL-10</u>	
COMMON	@
POZMIX	@
GEL	@
CHLORIDE	@
	@
	@
	@
	@
	@
	@
	@
HANDLING	@
MILEAGE	@
	TOTAL

REMARKS:
Pipe on Bottom - Break Circ.
mix Pump 500 gals mud-Clean Flg
Bathole +泥水 hole w/ 2.5% KCL - 107 Bu/s
Cement - 12.5% KCL - 107 Bu/s 17% SALT +
5% KCL - SEALT, 3% FL-10. WASH out Pump
lines. Release Flg. Displace Pump w/ 2%
KCL water Pump Flg. Release 12.5
Flg. Held

SERVICE	
DEPTH OF JOB <u>4476'</u>	
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	@
PLUG <u>Rubber</u>	@
	@
	@
	TOTAL

CHARGE TO: Jody O. + GAS

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT	
<u>1-Req Guide Shoe</u>	@
<u>1-AFU Insert</u>	@
<u>4-Centers</u>	@
	@
	@
	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.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE R. J. Miller

SIGNATURE Robert G. Miller
 PRINTED NAME

RECEIVED
 STATE CORPORATION COMMISSION

OCT 13 1999
 10-13-99
 COMMERCE DIVISION
 WASHINGTON, KANSAS