

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

077-21270-0000

API NO. 15- _____
County Harper
S2 -S2 -SE - Sec. 7 Twp. 31S Rge. 8W X E

Operator: License # 5428

330 Feet from S/N (circle one) Line of Section
120 Feet from E/W (circle one) Line of Section

Name: Graves Drilling Co., Inc.

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

Address Box 8250
Wichita, Ks. 67208-8250

Lease Name Wingate Well # 2

City/State/Zip _____

Field Name Spivey Grabbs

Purchaser: Texaco Trading & Transportation

Producing Formation Mississippian

Operator Contact Person: Fredrick W. Stump

Elevation: Ground 1651 KB 1656

Phone (316) 687-2777

Total Depth 4505 PBDT _____

Contractor: Name: VAL Energy, Inc.

Amount of Surface Pipe Set and Cemented at 234 Feet

License: 5822

Multiple Stage Cementing Collar Used? Yes X No

Wellsite Geologist: Fredrick W. Stump

If yes, show depth set _____ Feet

Designate Type of Completion
 New Well Re-Entry Workover

If Alternate II completion, cement circulated from _____

Oil SWD S1OW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

feet depth to _____ w/ _____ sx cmt.

If Workover/Re-Entry: old well info as follows:

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Operator: _____

Chloride content 43,000 ppm Fluid volume 800 bbls

Well Name: _____

Dewatering method used Hauled

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

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

Operator Name Jody Oil & Gas Corp.

7/14/93 7/19/93 7/20/93
Spud Date Date Reached TD Completion Date

Lease Name Sanders SWD License No. 3288

SW Quarter Sec. 20 Twp. 31S S Rng. 8W 1 E W

County Harper Docket No. D 23 313

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 reviewed with and the statements herein are complete and correct to the best of my knowledge.

Signature Fredrick W. Stump

RECEIVED
KANSAS CORPORATION COMMISSION
9-2-93
SEP 02 1993
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
CONSERVATION DIVISION
WICHITA, KS
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)
PHYLLIS A. FREEMAN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 6/9/94

Title Geologist Date 8/9/93

Subscribed and sworn to before me this 9th day of August 19 93.

Notary Public Phyllis A. Freeman

Date Commission Expires June 9, 1994

Operator Name Graves Drilling Co. Inc. Lease Name Wingate Well # 2
 Sec. 7 Twp. 31S Rge. 8W East County Harper
 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.)
 List All E.Logs Run:
 Dual Induction Log
 Dual Compensated Porosity Log
 Proteus Log

Log Name	Formation (Top), Depth and Datum		Sample Datum
	Top	Datum	
Heebner	3454	-1798	
Lansing	3646	-1990	
Cherokee	4324	-2668	
Mississippi	4420	-2764	
Total Depth	4507	-2851	

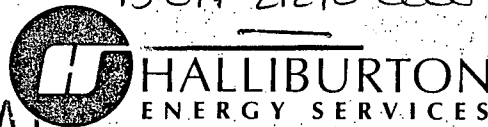
CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	12 1/4	8 5/8	23	234	60-40 Poz	185	2%Gel 3%CC
Production	7 7/8"	5 1/2"	14	4505	50-50 poz	125	2%gel, 10%cc

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
2	4423-4431		Acid 500 gal., 10% Frac 20,000# 100 mesh,, 3,000# 12-20 & 10,000# 8/16 sand.	4431

TUBING RECORD		Size	Set At	Packer At	Liner Run				
		2 7/8"	4427	none		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Resumed Production, SWD or Inj.			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
Estimated Production Per 24 Hours		Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio		Gravity		
		25	60	100	2400-1		29		

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 _____



INVOICE

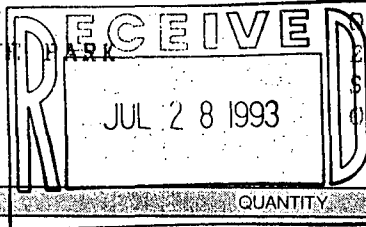
ORIGINAL

INVOICE NO.	DATE
509684	07/20/1993

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
INGATE 2		HARPER		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
RATT		VAL ENERGY	CEMENT PRODUCTION CASING		07/20/1993
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
37790	R G MILLER			COMPANY TRUCK	53852

DIRECT CORRESPONDENCE TO:

GRAVES DRILLING CO INC
800 TALLGRASS EXECUTIVE PARK
8100 E. 22ND STREET
WICHITA, KS 67226



OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000-117	MILEAGE	48	MI	2.75	132.00
		1	UNT		
001-016	CEMENTING CASING	4517	FT	1,480.00	1,480.00
		1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	5.5	IN	60.00	60.00 *
		1	EA		
018-317	SUPER FLUSH	12	SK	100.00	1,200.00
12A	GUIDE SHOE - 5 1/2" ERD THD.	1	EA	121.00	121.00 *
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" B	1	EA	110.00	110.00 *
815.19251					
27	FILL-UP UNIT 5 1/2" - 6 5/8"	1	EA	55.00	55.00 *
815.19315					
40	CENTRALIZER 5-1/2" X 7 7/8"	5	EA	44.00	220.00 *
807.93022					
045-050	COMPUPAC SYSTEM W/HALLIBURTO	1	JOB	500.00	N/C
		1	DAY		
504-308	CEMENT - STANDARD	8	SK	6.76	54.08 *
506-105	POZMIX A	476	LB	.055	26.18 *
506-121	HALLIBURTON-GEL 2%	1	LB	.00	N/C *
504-308	CEMENT - STANDARD	63	SK	6.76	425.88 *
506-105	POZMIX A	4216	LB	.055	231.88 *
506-121	HALLIBURTON-GEL 2%	202	LB	.00	N/C *
508-291	GILSONITE BULK	1250	LB	.40	500.00 *
509-968	SALT	650	LB	.13	84.50
507-775	HALAD-322	50	LB	6.90	345.00 *
509-968	SALT	400	LB	.13	52.00
500-207	BULK SERVICE CHARGE	180	CFT	1.25	225.00 *
500-306	MILEAGE CMTG MAT DEL OR RETU	334.848	TMI	.85	284.62 *

INVOICE SUBTOTAL

RECEIVED
KANSAS CORPORATION COMMISSION
9-2-93

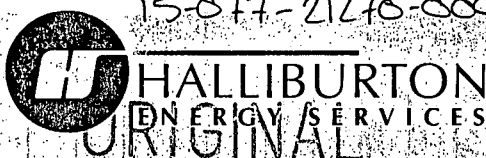
5,607.14

***** CONTINUED ON NEXT PAGE SEP 02 1993

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

15-077-21270-0000

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046



INVOICE

INVOICE NO	DATE
509679	07/14/1993

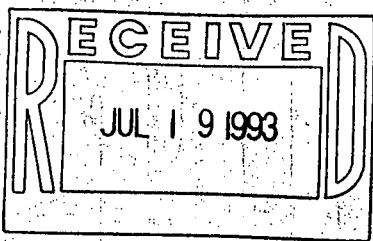
WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
INGATE 2	HARPER	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
RATT	VAL	CEMENT SURFACE CASING	07/14/1993
ACCT. NO.	CUSTOMER AGENT	VENDOR NO	CUSTOMER P.O. NUMBER
37790	R G MILLER		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	53401

GRAVES DRILLING CO INC
800 TALLGRASS EXECUTIVE PARK
0100 E. 22ND STREET
WICHITA, KS 67226

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	MILEAGE	48	MI	2.75	132.00
		1	UNT		
001-016	CEMENTING CASING	234	FT	515.00	515.00
		1	UNT		
030-503	CMTG PLUG LA-11,CP-1,CP-3,TO	8 5/8	IN	95.00	95.00
		1	EA		
504-136	CEMENT - 40/60 POZMIX STANDA	185	SK	5.55	1,026.75
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	28.25	141.25
500-207	BULK SERVICE CHARGE	195	CFT	1.25	243.75
500-306	MILEAGE CMTG MAT DEL OR RETU	388.20	TMI	.85	329.97

INVOICE SUBTOTAL 2,483.72
 DISCOUNT-(BID) 496.74
 INVOICE BID AMOUNT 1,986.98
 *-KANSAS STATE SALES TAX 68.29
 *-PRATT COUNTY SALES TAX 13.93



RECEIVED
KANSAS CORPORATION COMMISSION
SEP 02 1993
9-2-93
CONSERVATION DIVISION
WICHITA, KS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> \$2,069.20

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