

FORM MUST BE TYPED

ORIGINAL

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACQ-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: John Hastings

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, VSW, 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 PBD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

11-05-97 11-11-97 11-12-97

Spud Date Date Reached TD Completion Date

API NO. 15- 077-21343 0000

County Harper County, Kansas

C NE SW Sec. 19 Twp. 31S Rge. 8 XX^E

1980 Feet from SW (circle one) Line of Section

1880 Feet from E (circle one) Line of Section

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

Lease Name Jack Well # 1

Field Name Spivey-Grabs

Producing Formation Mississippi

Elevation: Ground 1594' CB 1582'

Total Depth 4450' PBD 4450'

Amount of Surface Pipe Set and Cemented at 268 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/ _____ cat.

Drilling Fluid Management Plan AH-1, 5-18-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume 400 bbls

Dewatering method used Trucked Off

Location of fluid disposal if hauled offsite: _____

Operator Name JODY OIL & GAS, CORP.

Lease Name SANDERS #3 License No. 3288

SW SW Quarter Sec. 20 Twp. 31 S Rng. 8 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 fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Fredrick W. Stump


Title EXPLORATION MANAGER Date 2-25-98

Subscribed and sworn to before me this 25th day of FEBRUARY 19 98.

Notary Public Sandra J. Boyd

Date Commission Expires May 13, 1999

RECEIVED
STATE CORPORATION COMMISSION
E.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C 2-25-98 Received
C 2-25-98 Geologist Report Received
CONSERVATION DIVISION
 KCC SWD/Rep XGPA
 KGS Plug Other
(Specify)

 **SONDRA J. BOYD**
Notary Public State of Kansas
My Comm. Expires 5-13-99

Operator Name Graves Drilling Co., Inc.

Lessee Name Jack

Well # 1

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.)

List All E.Logs Run:

Sonic Log
Compensated Neutron Density
Dual Induction

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Mississippi	4352	2770

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"	20#	268'	60/40 Poz	200	3%cc 2%gel
Production	7-7/8"	5-1/2"	15#	4449'	50/50 Poz	125	10%salt 2%gel

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 Sht/FT	4356-4370	Frac 505X100 Mesh Sand	4356
		4755 X 12/20 Sand	

TUBING RECORD Size 2 7/8 Set At 4394 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. _____ Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	40	375	100	9.375	32

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

4356-4370

CUSTOMER COPY



PERMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046
Corporate FPN 73-0271280

INVOICE

HALLIBURTON ENERGY SERVICES, INC.

INVOICE NO.	DATE
308177	11/06/1997

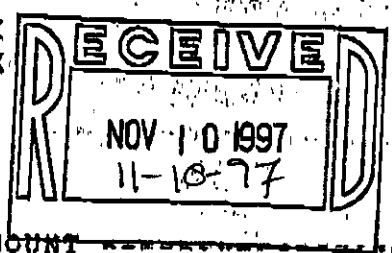
15-077-21343-0000

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
FACE 1	HARPER	KS	SAMP
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
PRATT	DUKE DRILLING 1	SHOWN BELOW	11/06/1997
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER JOB NUMBER
137790	R G HILLER		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	32794

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

DIRECT CORRESPONDENCE TO:
P O BOX 963
PRATT KS 67124
316-672-5593

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
	DRILLING AREA - MID CONTINENT			
	JOB PURPOSE - CEMENT SURFACE CASING			
000-117	MILEAGE CEMENTING ROUND TRIP	40 MI	3.20	128.00
		1 UNT		
000-119	MILEAGE FOR CREW	80 MI	1.95	N/C
		1 UNT		
001-016	CEMENTING CASING	205 FT	596.00	N/C
		1 UNT		
030-503	WOODEN PLUG	8 5/8 IN	95.00	95.00
		1 EA		
000-117	MILEAGE CEMENTING ROUND TRIP	40 MI	3.20	N/C
		1 UNT		
504-136	CEMENT - 40/60 POZMIX STANDARD	200 SK	8.14	1,628.00
509-406	ANHYDROUS CALCIUM CHLORIDE	5 SK	46.90	234.50
500-207	BULK SERVICE CHARGE	210 CFT	1.55	325.50
500-306	MILEAGE CHTG MAT DEL OR RETURN	338.92 TMI	1.18	399.93
	JOB PURPOSE SUBTOTAL			2,810.93
	INVOICE SUBTOTAL			2,810.93
	DISCOUNT-(BID)			1,040.03
	INVOICE BID AMOUNT			1,770.90
	*-KANSAS STATE SALES TAX			82.83
	*-PRATT COUNTY SALES TAX			16.91
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT			\$1,870.64



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 balances 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 amount recovered, plus all collection and court costs.



INVOICE

HALLIBURTON ENERGY SERVICES, INC.

15-077-21343-0000

INVOICE NO.	DATE
308180	11/12/1997

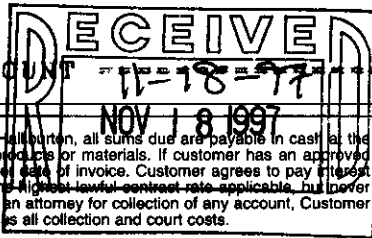
WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
JACK 1	HARPER	KS	SAME
CONTRACTOR	JOB PURPOSE	TICKET DATE	
PRATT	DUKE DRILLING 1	SHOWN BELOW	
11/12/1997			
VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FLEET
337790	R G MILLER	COMPANY TRUCK	33124

ORIGINAL

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

DIRECT CORRESPONDENCE TO:
P O BOX 963
PRATT KS 67124
316-672-5593

DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
DISCOUNT--(BID)				1,649.70-
INVOICE BID AMOUNT				4,242.14
*-KANSAS STATE SALES TAX				111.92
*-PRATT COUNTY SALES TAX				22.85
<p>Jod: 1094.23 A/R 3282.68</p> <p>prd 11-25-97 # 12788</p> <p>FEB 20 1998</p> <p>CONSERVATION DIVISION Wichita, Kansas</p>				
INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$4,376.91



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.



INVOICE

HALLIBURTON ENERGY SERVICES, INC.

15-077-21343-0000

INVOICE NO.	DATE
308180	11/12/1997

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
JACK 1	HARPER	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
PRATT	DUKE DRILLING 1	SHOWN BELOW	11/12/1997		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
337790	R G MILLER			COMPANY TRUCK	33124

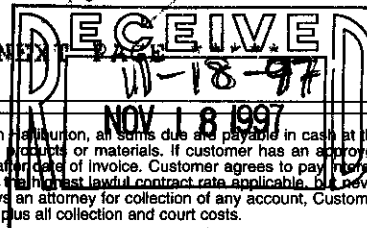
ORIGINAL

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

DIRECT CORRESPONDENCE TO:
 P O BOX 963
 PRATT KS 67124
 316-672-5593

DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT				
JOB PURPOSE - CEMENT PRODUCTION CASING				
000-117 MILEAGE CEMENTING ROUND TRIP	80 MI	1 UNT	3.20	256.00
000-119 MILEAGE FOR CREW	80 MI	1 UNT	1.95	156.00
001-016 CEMENTING CASING	4450 FT	1 UNT	1.926.00	1,926.00
018-315 MUD FLUSH	500 GAL		.75	375.00
018-303 CLAYFIX II, PER GAL	2 GAL		30.50	61.00
030-016 CEMENTING PLUG 5W ALUM TOP	5.5 IN	1 EA	66.00	66.00
12A GUIDE SHOE - 5 1/2" 8RD THD.	1 EA		121.00	121.00
825.205				
24A INSERT FLOAT VALVE - 5 1/2" 8RD	1 EA		121.00	121.00
815.19251				
27 FILL-UP UNIT 5 1/2"-6 5/8"	1 EA		76.00	76.00
815.19313				
40 CENTRALIZER-5-1/2 X 7-7/8	5 EA		67.00	335.00
806.60022				
504-130 CEMENT 50/50 POZMIX STANDARD	150 SK		7.69	1,153.50
507-775 HALAD-322	51 LB		7.70	392.70
509-968 SALT	600 LB		.17	102.00
508-291 GILSONITE BULK	624 LB		.50	312.50
500-207 BULK SERVICE CHARGE	172 CFT		1.55	266.60
500-306 MILEAGE CMTG MAT DEL OR RETURN	277.58 TMI		1.18	327.54
JOB PURPOSE SUBTOTAL				5,891.84
INVOICE SUBTOTAL				5,891.84

***** CONTINUED ON NEXT PAGE *****



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, materials, or parts of invoice. 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.