

ORIGINAL

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

API NO. 15- 077-21368-0000

County Harper County, Kansas

E/2 - SW - NW - Sec. 19 Twp. 31 Rge. 8 XX ^E _W

1980 Feet from S (A) (circle one) Line of Section

990 Feet from E (U) (circle one) Line of Section

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

Lease Name Jack Well # 2

Field Name Spivey Grabs

Producing Formation Mississippi

Elevation: Ground ~~1522~~ 1592 KB ~~1522~~ 1600

Total Depth 4498' PBTB 4500'

Amount of Surface Pipe Set and Cemented at 248 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. 1-20-99 UC
(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbls

Dewatering method used Trucking

Location of fluid disposal if hauled offsite:

Operator Name Jody Oil & Gas

Lease Name Sanders #3 License No. 3288

SW SW Quarter Sec. 20 Twp. 31 S Rng. 8 (U)

County Harper Docket No. D-23, 313

Operator: License # 5428

Name: Graves Drilling Co., Inc.

Address P.O. Box 8250

City/State/Zip Wichita, Kansas 67208-0250

Purchaser: Jody Oil & Gas, Bar Energy

Operator Contact Person: Fredrick W. Stump

Phone (316) 687-2777

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: John Hasting

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S10W 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.

09-29-98 10-05-98 10-06-98

Spud Date Date Reached TD Completion Date

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 Fredrick W. Stump

Title Exploration Manager Date 12-31-98

Subscribed and sworn to before me this 31st day of December, 19 98.

Notary Public Phyllis A. Greiner

Date Commission Expires 6/9/2002

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 **JANARO** Drilling Co., Inc.
 Sec. 19 Twp. 31 Rge. 8
 East
 West

Lease Name Jack Well # 2
 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 4397 2797

List All E.Logs Run:

Neutron
 Gamma Ray

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#	248'	60/40 Poz	175	3%cc 2%gel
Production	7-7/8"	5-1/2"	14 & 15.5#	4497'	60/40 Poz	125	

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
4	4399 - 4402	650 Gal 15% Acid	
2	4410 - 4414	Frac Well	
		125 SX 100 Mesh	
		525 SX 12/20 Mesh	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8	4440		<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 14 Bbls.	Gas 95 Mcf	Water 150 Bbls.	Gas-Oil Ratio 6.78 - 1 Gravity 32

Disposition of Gas: **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____

ORIGINAL

Graves DRILLING CO. INC.

P.O. BOX 8250 800 TALLGRASS EXEC. PARK 8100 E 22ND. ST. NORTH
TEL. 316-687-2777 WICHITA, KANSAS 67208-0250 FAX: 316-687-2125

December 31, 1998

Kansas Corporation Commission
130 S. Market
Room 2078
Wichita, Kansas 67202

1-4-99

RE: Jack #2
API No. 15-07721368-~~0000~~


To Whom It May Concern:

Please find enclosed the following information on the above captioned well:

ACO-1	1 Original and 2 Copies
Logs	1 Set
Halliburton	#459933
Halliburton	#395023

If you have any questions, please don't hesitate to call.

Sincerely,
GRAVES DRILLING CO., INC.


Phyllis A. Freeman
Title Analyst

PAF:sb
encl.

ORIGINAL



DALLAS, TX 75395-1046
Corporate FIN 73-0271280

INVOICE

HALLIBURTON ENERGY SERVICES

A Division of Halliburton Company

15-077-21368-0000

INVOICE NO.	DATE
459933	09/29/1998

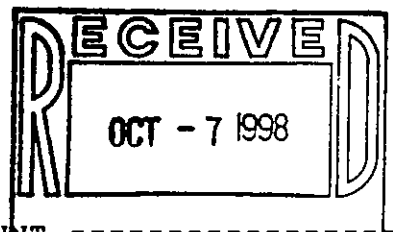
WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
JACK 2		HARPER ORIGINAL		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
PRATT	DUKE DRILLING 2	SHOWN BELOW		09/29/1998	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
337790	R.G. MILLER			COMPANY TRUCK	468E

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	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
JOB PURPOSE - CEMENT SURFACE CASING					
000-117	MILEAGE CEMENTING ROUND TRIP	80	MI	3.65	292.00
		1	UNT		
000-119	MILEAGE FOR CREW	80	MI	2.15	N/C
		1	UNT		
030-503	WOODEN PLUG	8	5/8 IN	95.00	95.00
		1	EA		
001-016	CEMENTING CASING	249	FT	1,630.00	1,630.00
		1	UNT		
504-136	CEMENT - 40/60 POZMIX STANDARD	175	SK	8.71	1,524.25
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	46.90	234.50
500-207	BULK SERVICE CHARGE	185	CFT	1.66	307.10
500-306	MILEAGE CMTG MAT DEL OR RETURN	295.56	TMI	1.25	369.45

JOB PURPOSE SUBTOTAL		4,452.30
INVOICE SUBTOTAL	1-4-99	4,452.30
DISCOUNT-(BID)		2,103.73
INVOICE BID AMOUNT		2,348.57
*-KANSAS STATE SALES TAX		78.11
*-PRATT COUNTY SALES TAX		15.94



INVOICE TOTAL - PLEASE PAY THIS AMOUNT \$2,442.62

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 of 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.

ORIGINAL

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

INVOICE



HALLIBURTON ENERGY SERVICES

A Division of Halliburton Company

15-077-21368-0000

INVOICE NO.	DATE
395023	10/06/1999

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
JACK 2		HARPER ORIGINAL		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
PRATT		DUKE DRILLING	SHOWN BELOW		10/06/1999
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
337790	R G MILLER			COMPANY TRUCK	4720

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	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
JOB PURPOSE - CEMENT PRODUCTION CASING					
000-117	MILEAGE CEMENTING ROUND TRIP	80	MI	3.65	292.00
		1	UNT		
000-119	MILEAGE FOR CREW	40	MI	2.15	N/C
		1	UNT		
001-016	CEMENTING CASING	4493	FT	2,181.00	2,181.00
		1	UNT		
030-016	CEMENTING PLUG 5W ALUM TOP	5.5	IN	66.00	66.00
		1	EA		
018-315	MUD FLUSH	500	GAL	.80	400.00
018-303	CLAYFIX II, PER GAL	2	GAL	33.95	67.90
40	CENTRALIZER-5-1/2 X 7-7/8	4	EA	70.00	280.00
806.60022					
320	BASKET-CMT-5 1/2 CSG X 17"OD-	1	EA	122.00	122.00
806.71430					
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	133.00	133.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	133.00	133.00
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	87.00	87.00
815.19313					
001-018	CEMENTING CASING - ADD HRS	4	HR	376.00	N/C
		1	UNT		
504-130	CEMENT - 50/50 POZMIX STANDARD	150	SK	8.23	1,234.50
507-775	HALAD-322	51	LB	7.70	392.70
509-968	SALT	600	LB	.18	108.00
507-210	FLOCELE	32	LB	2.09	66.88
508-291	GILSONITE BULK	1250	LB	.58	725.00
500-207	BULK SERVICE CHARGE	187	CFT	1.66	310.42
500-306	MILEAGE CMTG MAT DEL OR RETURN	290.72	TMI	1.25	363.40

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

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