

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- 077-21,283

County Harper  
N/2 SW NW Sec. 17 Twp. 31 Rge. 8 E  
X W

1650 Feet from S (circle one) Line of Section  
660 Feet from E (circle one) Line of Section

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

Lease Name Warren Well # 3

Field Name Spivey Grabs

Producing Formation Mississippi

Elevation: Ground 1653' KB 1662'

Total Depth 4526' PBD 4502'

Amount of Surface Pipe Set and Cemented at 228 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALT 2 J H 2-14-95  
(Data must be collected from the Reserve Pit)

Chloride content 43,000 ppm Fluid volume 800 bbls

Dewatering method used Hauled

Location of fluid disposal if hauled offsite: AUG 25 1994 8-25-94

Operator Name Jody Oil & Gas Corp.

Lease Name Sanders SWD License No. 3288

SW Quarter Sec. 20 Twp. 31S S Rng. 8W X W

County Harper Docket No. D 23 313

Operator: License # 5428

Name: Graves Drilling Co., Inc.

Address P.O. Box 8250

City/State/Zip Wichita, KS 67208

Purchaser: \_\_\_\_\_

Operator Contact Person: Fredrick W. Stump

Phone (316) 687-2777

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Fredrick W. Stump

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  S10W  Temp. Abd.  
 Gas  ENHR  S16W  
 Dry  Other (Core, WSW, 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. \_\_\_\_\_

07-27-94 08-03-94 8-15-94  
Spud Date Date Reached TD Completion Date

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 Geologist Date 8/25/94

Subscribed and sworn to before me this 25th day of August 19 94.

Notary Public Phyllis A. Freeman  
Phyllis A. Freeman

Date Commission Expires \_\_\_\_\_

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KCS  Plug  Other (Specify)

PHYLLIS A. FREEMAN  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 6-2-98

Pl

Operator Name Graves Drilling Co., Inc.

Lease Name Warren

Well # 3

Sec. 17 Twp. 31 Rge. 8

East  
 West

County Harper

**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.)

Name	Top	Datum	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Heebner Shale	3435	-1773			
Lansing	3646	-1980			
Cherokee Shale	4328	-2666			
Mississippi	4432	-2770			

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

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	20#	228'	60/40 poz	190	2% gel 3% cc
Production	7-7/8"	5 1/2"	14#	4524'	50/50 poz	100	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
4	4436 - 4442	1000 gal. 7 1/2%		4442
		Frac w/37,000# sd.		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 7/8"	4489	none		
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)		
8-16-94						
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	10	25	60	1 - 2500	31.4	

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 \_\_\_\_\_

15-077-21283-0000

TELEPHONE:  
AREA CODE 913 483-2627

**ALLIED CEMENTING COMPANY, INC.**  
P. O. BOX 31  
RUSSELL, KANSAS 67665

**ORIGINAL**

To: Graves Drilling Co., Inc.  
P. O. Box 249  
Medicine Lodge, KS 67104

INVOICE NO. 66898  
PURCHASE ORDER NO. \_\_\_\_\_  
LEASE NAME Warren #3  
DATE 7-27-94

SERVICE AND MATERIALS AS FOLLOWS:

Common 114 sks @\$5.75	\$655.50	
Pozmix 76 sks @\$3.00	228.00	
Gel 3 sks @\$9.00	27.00	
Chloride 6 sks @\$25.00	<u>150.00</u>	\$1,060.50
Handling 190 sks @\$1.00	190.00	
Mileage (20) @\$.04¢ per sk per mi	152.00	
Surface	430.00	
Mi @\$2.25 pmp trk chg	45.00	
1 plug	<u>42.00</u>	<u>859.00</u>
Total		\$1,919.50

If Account CURRENT a  
Discount of \$ 383.90  
will be Allowed ONLY If  
Paid Within 30 Days from  
Date of Invoice.

Thank you!

RECEIVED  
AUG 15 1994

All Prices Are Net, Payable 30 Days Following

AUG 25 1994

15-077-21283-0000

CUSTOMER COPY



HALLIBURTON

ORIGINAL

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

INVOICE

INVOICE NO.	DATE
614297	08/03/1994

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
WARREN 3		HARPER		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
PRATT	DUKE DRILLING #2	CEMENT PRODUCTION CASING		08/03/1994	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
337790	R G MILLER			COMPANY TRUCK	74395

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

DIRECT CORRESPONDENCE TO:  
OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2000  
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
<b>PRICING AREA - MID CONTINENT</b>					
000-117	MILEAGE CEMENTING ROUND TRIP	100 MI		2.75	275.00
		1 UNT			
001-016	CEMENTING CASING	4529 FT		1,765.00	1,765.00
		1 UNT			
030-016	CEMENTING PLUG 5W ALUM TOP	5 1/2 IN		60.00	60.00
		1 EA			
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		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					
213-009	MUD FLUSH	500 GAL		.65	325.00
504-130	CEMENT - 50/50 POZMIX STANDARD	100 SK		5.73	573.00
508-291	GILSONITE BULK	1000 LB		.40	400.00
509-968	SALT	500 LB		.15	75.00
507-775	HALAD-322	61 LB		7.00	427.00
504-130	CEMENT - 50/50 POZMIX STANDARD	15 SK		5.73	85.95
509-968	SALT	400 LB		.15	60.00
500-207	BULK SERVICE CHARGE	148 CFT		1.35	199.80
500-306	MILEAGE CMTG MAT DEL OR RETURN	286.90 TMI		.95	272.56

INVOICE SUBTOTAL

5,024.31

DISCOUNT - (BID)

AUG 25 1994

1,105.33-

INVOICE BID AMOUNT

3,918.98

\*-KANSAS STATE SALES TAX

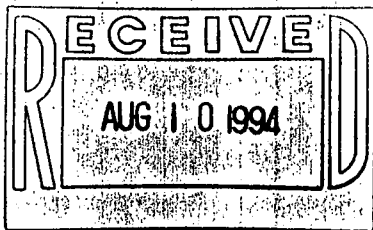
96.48

\*-PRATT COUNTY SALES TAX

19.70

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

\$4,035.16



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.

*Handwritten:* Lind #30