

077

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

API NO. 15- 007-21329-00-00
County HARPER
- E/2- SW - NE Sec. 11 Twp. 33 Rge. 6 X W
3300 Feet from (S)N (circle one) Line of Section
1650 Feet from (E)W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, (S)SW, NW or SW (circle one)

Operator: License 8061
Name: OIL PRODUCERS, INC. OF KANSAS
Address P.O. BOX 8647

Lease Name CAROTHERS BROS Well # 2
Field Name _____
Producing Formation Mississippi
Elevation: Ground 1326 KB 1337

City/State/Zip WICHITA, KANSAS 67208
Purchaser: FARMLAND INDUSTRIES, Inc
Operator Contact Person: DIANA RICHECKY

Total Depth 4550' PBTD 4525'
Amount of Surface Pipe Set and Cemented at 272
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set _____ Feet

Contractor: Name: Duke Drilling Co., Inc.
License: 5929

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Wellsite Geologist: WILLIAM SHEPHERD
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan AF-1, 4-22-98 v.c.
(Data must be collected from the Reserve Pit)

I.F. 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. _____

Chloride content 1290 ppm Fluid volume 160 bbis
Dewatering method used: HAULED RES. OFFSITE, PIT ALLOWED TO DRY
Location of fluid disposal if hauled offsite: _____

07/26/97 _____ 07/31/97 _____ 09/05/97 _____
Spud Date Date Reached TD Completion Date

Operator Name _____
Lease Name _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado 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 John S. Weir John S. Weir
Title President Date 12/24/97
Subscribed and sworn to before me this 24th of Dec. 1997.
Notary Public Diana L. Richecky
Date Commission Expires Jan 12, 2000

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



Form ACO-1 (7-91)

12-29-1997

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Operator Name Oil Producers, Inc. of Kansas Lease Name CAROTHERS BROS Well # 2
 SIDE TWO
 Sec. 11 Twp. 33S Rge. 6 East County STAFFORD
 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: GEOLOGICAL LOG, COMPENSATED
 NEUTRON DENSIT LOG, SONIC LOG
 DUAL INDUCTION LOG, CORRELATION
 CEMENT BOND LOG

Name	Formation (Top), Depth and Datums	
	Top	Datum
HEEBNER	3135'	-1804
IATAN	3494'	-2163
LANSING KANSAS CITY	3746'	-2415
MISSISSIPPI	4374'	-3043
LTD	4550'	-3219

ORIGINAL

CASING RECORD <input 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"	20#	272	60 40 POZ	185	2% GEL 3% CC
PRODUCTION	7 7/8	5 1/2"	14 #	4549	EA-2	100	
					60 40 POZ	15	

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 SHOT	4481'-4484'	SEE ATTACHED INITIAL COMPLETION REPORT	same
2 SHOT	4398'-4407'		
2 SHOT	4382'-4388'		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8"	4469.20'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method	Flowing	Pumping	Gas Lift	Other (Explain)	Gravity
9/05/97			X			
Estimated Production	Oil Bbls. 6.0 bopd	Gas 200mcfpd	Mcf	Water Bbls.	Gas-Oil Ratio	

Disposition of Gas: **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 4481-4484'
 (If vented, submit ACO-18.) Other (Specify) _____ 4398-4407'
 _____ 4382-4388'

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 KANSAS CORP CONT.
 1997 DEC 29 1:22

CUSTOMER COPY



REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046 Corporate FIN 73-0274280

INVOICE

HALLIBURTON ENERGY SERVICES, INC.

INVOICE NO.	DATE
719348	07/26/1997

WELL/LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
AROTHERS BROS 2	HARPER	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET/DATE
PRATT	DUKE DRILLING 5	SHOWN BELOW	07/26/1997
INVT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
46989	JOE LEVINGSTON		
SHIPPED VIA			FILE NO.
COMPANY TRUCK			27691

ORIGINAL

DIRECT CORRESPONDENCE TO:

OIL PRODUCERS INC. OF KANSAS
C/O MR. BRAD SIROKY
10264 COUNTRY CLUB ROAD
PRATT, KS 67124-8195

1102 E. 8TH
HAYS KS 67601
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	MILEAGE CEMENTING ROUND TRIP	140	MI	3.20	448.00
		1	UNT		
000-119	MILEAGE FOR CREW	140	MI	1.95	N/C
		1	UNT		
001-016	CEMENTING CASING	1	UNT	696.00	696.00
030-503	WOODEN PLUG	8	5/8 IN	95.00	95.00
		1	EA		
504-136	CEMENT - 40/60 POZNIX STANDARD	185	SK	8.14	1,505.90
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	46.90	234.50
500-207	BULK SERVICE CHARGE	195	CFT	1.55	302.25
500-306	MILEAGE CNTG NAT DEL OR RETURN	546.178	THI	1.18	644.49

JOB PURPOSE SUBTOTAL 3,926.14

INVOICE SUBTOTAL 3,926.14

DISCOUNT (BID)
INVOICE BID AMOUNT 452.66
473.48

*- KANSAS STATE SALES TAX 85.89
*- PRATT COUNTY SALES TAX 17.53

INVOICE TOTAL - PLEASE PAY THIS AMOUNT \$2,576.90

*CAROTHERS BROS
OPS - X
CEMENT SURFACE*

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HALLIBURTON
CORPORATION
D. 11/23

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.



HALLIBURTON ENERGY SERVICES
HAL-1906-P

CHARGE TO:
OIL PRODUCERS OF KS. INC.
ADDRESS:
CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No. **219348 - 8**

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1997 DEC 29 1:23

PAGE 1 OF 1

1. SERVICE LOCATION Plant, KS. 25555	WELL/PROJECT NO. 02	LEASE BROTHERS BROTHERS	COUNTY/PARISH HARPER	STATE KS.	CITY/OFFSHORE LOCATION	DATE 7-26-97	OWNER SAME
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR DUKE DOLG	RIG NAME/NO. #5	SHIPPED Y	DELIVERED TO WELL SITE	ORDER NO.	
3. WELL TYPE 02	WELL CATEGORY 01	JOB PURPOSE 010	WELL PERMIT NO.	WELL LOCATION UNAD 11-335-6W			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1			MILEAGE 1 UNIT RT.	140		mile		3.20	448.00
000-119		1			CREW MILEAGE	140		mile		1.95	273.00
001-016		1			PUMP PHASE	6		hrs	273.00	696.00	696.00
030-503		1			TOP PVC - WOOD	1		ea	878.00	95.00	95.00
ORIGINAL											
BULK TICKET # 100056											2687.14

<p>LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.</p> <p>MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS</p> <p><i>X [Signature]</i></p> <p>DATE SIGNED 7-26-97</p> <p>TIME SIGNED 2350</p> <p><input type="checkbox"/> A.M. <input type="checkbox"/> P.M.</p> <p><input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered</p>	<p>SUB SURFACE SAFETY VALVE WAS:</p> <p><input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN</p>			<p>SURVEY</p> <p>AGREE UN-DECIDED DIS-AGREE</p>			<p>PAGE TOTAL 3926.14</p> <p>FROM CONTINUATION PAGE(S)</p> <p>SUB-TOTAL: APPLICABLE TAXES WILL BE ADDED ON INVOICE</p>
	TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				
	BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?				
	TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
TREE CONNECTION	TYPE VALVE		ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		
			<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) JOE LIVINGSTON	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>X [Signature]</i>	HALLIBURTON OPERATOR/ENGINEER KEVIN P. [Signature] EMP # 08500	HALLIBURTON APPROVAL <i>[Signature]</i>
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ORIGINAL

Halliburton Energy Services

DATE: 07-26-1997

TIME: 18:30:32

SERVICE TICKET: 219348

PRATT-25555

BULK TICKET ONLY: 100056

JOB PURPOSE: SURFACE COMPANY TRUCK: :5621 DRIVER: B. JOHNSON

CUSTOMER: OIL PRODUCERS OF KS.

LEASE & WELL#: CARRUTHERS #2

504-136	40/60 POZMIX CEMENT	185	SKS.	7.69 ^{8.14}	1505.90
509-406	CALCIUM CHLORIDE	5	SKS.	46.90	234.50

500-207	SERVICE CHARGES	195	CU FT	1.55	302.25
				TOTAL	2042.65

500-306	WEIGHT: 15605	MILES: 70 ⁷⁰	TON MILES: 569.58 ^{546.175}	1.18	644.47
			TOTAL BOOK PRICE OF BULK TICKET:		672.10 ^{2114.75}
			TOTAL BOOK PRICE BULK TKT. -		<u>2687.14</u>

500-225	RETURN SERVICE CHARGES		CU FT	1.55	
500-306	WEIGHT: _____	RETURN MILES: 73	TON MILES: _____	1.18	

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JOB SUMMARY 4239-1

TICKET #	219348	TICKET DATE	7-26-97
BDA / STATE	KS	COUNTY	HARPER
PSL DEPARTMENT	CEMENT		
CUSTOMER REP / PHONE	J. LEWINSTON		
API / UWI #	15077213290000		
JOB PURPOSE CODE	010		

REGION	North America	NWA/COUNTRY	MED CENT. USA
MBU ID / EMP #	C8500	EMPLOYEE NAME	KEVIN GARNEY
LOCATION	PLANT, KS.	COMPANY	OIL PROD. OF KS. INC
TICKET AMOUNT	3926.14	WELL TYPE	02
WELL LOCATION	NE ANTHONY, KS	DEPARTMENT	CEMENT
LEASE / WELL	CARDIERS BROS. #2	SEC / TWP / RNG	11-335-LW

HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS
K. GARNEY C8500		C. MESSICK KS314		D. JAMESON KS9726		ORIGINAL	

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
94010	144	51936	144	4673-5621	144		

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	7-26	7-26	7-26	7-26
TIME	1800	2130	2300	2400

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug	1	Howes
Head	1	11
Packer		
Other		

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	70	878	KS	215	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				RECOVERED DEC 29 11:23
TOTAL		TOTAL		

ORDERED _____ HYDRAULIC HORSEPOWER _____
 Avail. _____ Used _____
 TREATED _____ AVERAGE RATES IN BPM _____
 Disp. _____ Overall _____
 FEET 15 CEMENT LEFT IN PIPE _____
 Reason REQUEST

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	105	40/6062	0	2% GEL, 36 MC	1.27	14.5

Circulating _____	Displacement _____	Preflush: _____	Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: _____	Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment _____	Gal - BBI _____	Disp: BBI - Gal _____
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr _____	Gal - BBI _____	41
		Total Volume _____	Gal - BBI _____	1612



JOB LOG 4239-5

TICKET #	219306	TICKET DATE	7-22-47
REGION	North America	NWA/COUNTRY	USA
MBU ID / EMP #		EMPLOYEE NAME	
LOCATION		COMPANY	
TICKET AMOUNT		WELL TYPE	
WELL LOCATION		DEPARTMENT	
LEASE / WELL #		SEC / TWP / RNG	11-335-60

HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BSL/GAL)	PUMPS (T.C.C.)	PRESS. (psi)	JOB DESCRIPTION / REMARKS
	1800					ARRIVED WELLS
	2130					ON DRILLING
	2130					DRG FRESH DRILLING - 213'
						RUN 273' 8 7/8" 70' CEMENT
						CEMENT ON BOTTOM BENTONITE SEAL WITH MUD PUMP.
						HOOK UP HOSES TO CEMENT
	2330	6	10	-	200	PUMP 10 BSL A20
		6	0		200	START MIX CEMENT (185 lbs 40/60 10221 GIL, 3400)
		6	41		100	FRESH MIX CEMENT
						SHOT DOWN
						RELEASE PUMP
		6	0		100	START DISP
	2945	2	1012		100	PUMP DOWN
						START IN MANIFOLD
						CONNECT TO 505 CEMENT TO PIST
						WASH UP - PACK UP
	2400					JOB COMPLETE
						THANKS PERSON

5:00 PM
5:00 PM
5:00 PM



INVOICE

HALLIBURTON ENERGY SERVICES, INC.

INVOICE NO.	ISSUE DATE
307904	08/01/1997

WELL/LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
AROTING BROTHERS 2	HARPER	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
PRATT	DUKE DRILLING #5	SHOWN BELOW	08/01/1997		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
46989	BRAD SIROKY			COMPANY TRUCK	28098

ORIGINAL

DIRECT CORRESPONDENCE TO:

OIL PRODUCERS INC. OF KANSAS
C/O MR. BRAD SIROKY
10264 COUNTRY CLUB ROAD
PRATT, KS 67124-8195

1102 E. 8TH
HAYS KS 67601
913-625-3431

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KANSAS CORP CO
DEC 29 1997

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
RYCING AREA	MID CONTINENT				
JOB PURPOSE	CEMENT PRODUCTION CASING				
000-117	MILEAGE CEMENTING ROUND TRIP	140	MI	3.20	448.00
		1	UNT		
000-119	MILEAGE FOR CREW	140	MI	1.95	N/C
		1	UNT		
001-016	CEMENTING CASING	4549	FT	2,038.00	2,038.00
		1	UNT		
018-303	CLAYFIX II, PER GAL	2	GAL	30.50	61.00
018-317	SUPER FLUSH	12	SK	112.00	1,344.00
26	INSEKT VALVE F. S. 5 1/2" GMD	1	EA	385.00	385.00
847.6318					
27	FILL-UP UNIT 5 1/2" - G 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					
503	3-WIPER I-D PLUG - 5 1/2"	1	EA	319.00	319.00
801.0374					
594	5 1/2" LATCH DOWN DAFFLE	1	EA	125.00	125.00
801.03743					
504-308	CEMENT - STANDARD	100	SK	10.83	1,083.00
504-330	CEMENT - 50/50 POZEX STANDARD	35	SK	7.69	269.15
507-915	GASSTOP	24	LN	38.60	926.40
507-775	HALAD 322	72	LN	7.70	554.40
509-968	SALT	950	LN	.17	161.50
508-291	GILSONITE BULK	500	LB	.50	250.00
508-127	CAL SEAL 60	5	SK	28.00	140.00
500-207	BULK SERVICE CHARGE	166	CFT	1.55	257.30
500-306	MILEAGE CHRG NAT DEL OR RETURN	503.55	TRI	1.18	594.19
JOB PURPOSE SUBTOTAL					9,366.94

***** 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, 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.

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

INVOICE

HALLIBURTON ENERGY SERVICES, INC.

INVOICE NO.	DATE
307904	08/01/1997

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
ROTHERY BROTHERS 2		HARPER		KS	NAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
PRATT	DURE DRILLING #5	SHOWN BELOW		08/01/1997	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
16989	BRAD SIBOKY			COMPANY TRUCK	28090

ORIGINAL

DIRECT CORRESPONDENCE TO:

OIL PRODUCERS INC. OF KANSAS
C/O MR. BRAD SIBOKY
10264 COUNTRY CLUB ROAD
PRATT, KS 67124-8195

1102 E. 8TH
HAYS KS 67601
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	INVOICE SUBTOTAL				9,366.94
	DISCOUNT-(RID)				2,622.73
	INVOICE BID AMOUNT				6,744.21
	* KANSAS STATE SALES TAX				187.49
	* PRATT COUNTY SALES TAX				38.27
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					66,969.97

RECEIVED
KANSAS CORP CO.
DEC 29 1997



HALLIBURTON ENERGY SERVICES

1906-Q

CHARGE TO: **OIL PRODUCERS OF MS. INC.**
 ADDRESS:
 CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No.

307904 - 3

PAGE 1 OF 1

1. SERVICE LOCATIONS: **LAND, MS. 25555** WELL/PROJECT NO.: **#2** LEASE: **CROTHERS BROTHERS** COUNTY/PARISH: **HARPER** STATE: **MS.** CITY/OFFSHORE LOCATION: **1-23** DATE: **8-1-97** OWNER: **SHAME**

2. TICKET TYPE: SERVICE JOB? YES NO CONTRACTOR: **DINE DALL** RIG NAME/NO.: **#5** SHIPPED: **O.T.** DELIVERED TO: **WELL SITE** ORDER NO.:

3. WELL TYPE: **02** WELL CATEGORY: **01** JOB PURPOSE: **035** WELL PERMIT NO.: **LAND 11-335-6W**

4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
			LOC	ACCT	DF		UM	UM		
	000-117					MILEAGE 1 UNIT R.T.	140	miles	3.20	448.00
	000-119					CREW MILEAGE	140	miles	1.95	NR
	001-016					PUMP HANDLE	6	HRS 4549 FT.	2038.00	2038.00
	018-303					CLAYEX II	2	gal.	30.50	61.00
	018-317					SUPERFOUSH	12	gals	112.00	1344.00
	26	847.6318				INSERT FLOAT SHOE	1	EA 5 1/2 in.	385.00	385.00
	27	815.19313				FILL UP UNIT	1	EA "	76.00	76.00
	40	806.60022				CENTRALIZER	5	EA "	67.00	335.00
	593	801.0374				LATCH DOWN PLUG	1	EA "	319.00	319.00
	594	801.03743				LATCH DOWN BAFFLE	1	EA "	125.00	125.00
BULK TICKET #100059										4114.74

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

X DATE SIGNED: **8-1-97** TIME SIGNED: **1800** A.M. P.M.
 do not require IPC (Instrument Protection) Not offered

TYPE LOCK: _____ SUB SURFACE SAFETY VALVE WAS: PULLED & RETURN PULLED RUN

BEAN SIZE: _____ TYPE OF EQUALIZING SUB: _____ CASING PRESSURE: _____

DEPTH: _____ TUBING SIZE: _____ TUBING PRESSURE: _____ WELL DEPTH: _____

SPACERS: _____ TREE CONNECTION: _____ TYPE VALVE: _____

PAGE TOTAL: **9245.74**

FROM CONTINUATION PAGE(S): _____

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE.

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): **BRAD SIOBY** CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): **X** HALLIBURTON OPERATOR/ENGINEER: **KEVIN P. GORDLEY 08500** EMP #: **H.P.** HALLIBURTON APPROVAL: _____



Halliburton Energy Services

ORIGINAL

DATE:08-01-1997

TIME:08:05:21

SERVICE TICKET: 307904

PRATT-25555

BULK TICKET ONLY: 100059

JOB PURPOSE:LONG STRING

COMPANY TRUCK::5621 DRIVER: T.DOMANN

CUSTOMER: oil producers of ks inc LEASE & WELL#:carothers brothers #2

504-308	STANDARD CEMENT	100	SKS.	10.83	1083.00
504-130	POZMIX-A CEMENT	35	SKS.	8.14 7.69	284.90 269.65
507-918	GASSTOP	24	LBS.	33.53 38.60	805.20 926.40
507-775	HALAD-322	72	LBS.	7.70	554.40
509-968	W/W SALT	950	LBS.	0.17	161.50
508-291	GILSONITE	500	LBS.	0.50	250.00
508-127	EA-2	5	SKS.	28.00	140.00
500-207	SERVICE CHARGES	166	CU FT	1.55	257.30

TOTAL 3520.55

500-306 WEIGHT: 14387 MILES: 70 TON MILES: 503.55 1.18 594.19
 TOTAL BOOK PRICE OF BULK TICKET ~~4114.74~~

4235.94

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1997 DEC 29 P 1:23

500-225 RETURN SERVICE CHARGES _____ CU FT 1.55
 500-306 WEIGHT: _____ RETURN MILES: 70 TON MILES: _____ 1.18



JOB SUMMARY 4239-1

TICKET #	307904	TICKET DATE	8-1-97
REGION	North America	BDA / STATE	Ks.
MBU ID / EMP #	08500	PSL DEPARTMENT	CEMENT
LOCATION	PLANT #5	CUSTOMER REP / PHONE	B. STOKY
TICKET AMOUNT	9245.74	API / UWI #	15077213290000
WELL LOCATION	E. HAWTHORN, Ks.	DEPARTMENT	CEMENT
LEASE / WELL #	CHAROTTERS BROS. #2	JOB PURPOSE CODE	035
NW/COUNTRY	MID CONT. USA	SEC / TWP / RNG	11-33S-6W
EMPLOYEE NAME	HELEN CORDLEY		
COMPANY	OTL PROD. OF Ks. INC.		

HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS
B. CORDLEY 08500	C. WESSLER H5314	T. ROMANN J1209	

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
94040	160	51436	160	4673-5621	160		

ORIGINAL

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	8-1	8-1	8-1	8-1
TIME	0800	1200	1800	1930

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar #111UP	1	HoweCO
Float Shoe	1	
Guide Shoe BAFFLE	1	
Centralizers	5	
Bottom Plug		
Top Plug F.D.	1	
Head WASH.	1	
Packer		
Other		

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	U	1372	5 1/2	R15	4547	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole				4547	4550	SHOTS/FT.
Perforations						
Perforations						
Perforations						

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perpac Balls	Qty.	
Other		
Other	2 gal. CUMPFIX TB	
Other	10 SLS. SUPERFLOSH	

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				RECEIVED JOHN KANSAS CORP 1991 DEC 27
TOTAL		TOTAL		

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
55	50/50 102	B		SUPERFLOSH & PULC RH. & MH.	127	14.1
100	EA-2 STD	B		5% CAL SEAL, 18% SALT, .75% H-322, 5% ISK GEL SOLVENT, .5% GEL STOP IW	138	15.4
				LAST 50 SLS.		

Circulating Breakdown	Displacement	Preflush:	Gal - BBI	Type
Average	Maximum	Load & Bkdn:	Gal - BBI	Pad: BBI - Gal
Shut In: Instant	Frac Gradient	Treatment	Gal - BBI	Disp: BB - Gal 07.8
	5 Min	Cement Slurr	Gal - BBI	
	15 Min	Total Volume	Gal - BBI	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER'S REPRESENTATIVE SIGNATURE _____

TICKET #	307902	TICKET DATE	1/1/97
REGION	North America	BDA / STATE	U.S.
MBU ID / EMP #	22302	PSL DEPARTMENT	CEMENT
LOCATION	...	CUSTOMER REP / PHONE	B. S. ...
TICKET AMOUNT	...	API / UWI #	150770-32-0000
WELL LOCATION	...	DEPARTMENT	CEMENT
LEASE / WELL #	...	SEC / TWP / RNG	H 335 - 6W
WELL TYPE	...	JOB PURPOSE CODE	635

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
...

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)	JOB DESCRIPTION / REMARKS
				T	C		
7	0800						PAULEY OUT ON COUNTDOWN REC LHM DOWN D.P.
	1700						RUN 4553.91' 5 1/2" 15 1/2" CASING. RUN INSERT FLOAT SHOE, LATCH DOWN BAFFLE IN 15" COLLAR. CONTAINER ON COLLAR - 1-3-7-13-20
	1730						CASING SET AT 4549' 4550'-TD DROP BALL, BREAK CORE w/ MUD PUMP.
	1800	6	20	✓		400	RECIPROCATING CASING. HOOK UP HOWLS TO CASING PUMP 20 BBL CURRY FIX H ₂ O PUMP 3 BBL H ₂ O SPACER PUMP 12 BBL SUPERFLUSH PUMP 3 BBL H ₂ O SPACER START MIX CEMENT (15 SLS 50/50 POL SCREENING) (100 SLS. EM-2 CEMENT w/ GUSSTOP IN LAST 50 SLS.) FINISH MIX CEMENT.
	1810	6	27			300	SHUT DOWN WASH OUT LINE & RELEASE PLUG
	1823	8	0	✓		100	STOP RECIPROCATING START DISP LIFTING CEMENT
		8	85			300	SLOW RATE PLUG DOWN
		5	105			700	RELEASE - PLUG HARD
	1857	5	107.8			1100	PLUG RAT HOLE & MOUSE HOLE WASH UP - PACK UP JOB COMPLETE THANKS THE USW
	1930						

ORIGINAL

OIL PRODUCERS INC., OF KS. INITIAL COMPLETION REPORT

WELL - CAROTHERS BROS #2

15-007-21329

LEGAL - E/2 SW/NE OF 11-33s-6w IN HARPER CO. KS.

077

APL# - 15-077-21,329

K.B. - 11' ABOVE G.L. @ 1331'

G.L. - 1320'

SURFACE CSN - 8 5/8" @ 272' WITH 185 SX.

RTD - 4550'

LTD - 4548' (ELI 8/1/97)

PRODUCTION CSN - 5 1/2", 15.5# @ 4549' WITH 100 SX EA-2

TOP OF CEMENT - 3730' WITH EXCELLENT CEMENT BONDING.

PBTD - 4525' (ELI 8/28/97)

PERFORATIONS -
LOWER MISS-----4481'-4484' 4/FT. 8/28/97
UPPER MISS-----4398'-4407' 2/FT. 8/28/97
UPPER MISS-----4382'-4388' 2/FT. 8/28/97

TUBING RAN - 15' MA, SN, 144 JTS. 2 7/8" TBG (4469.20'), 8', 6', 4' SUBS.

TUBING SET @ - 4512.26' (10' OFF BOTTOM 9/3/97)

AVERAGE TBG JT. - 31.03'

PUMPRAN - 2 1/2" X 2" X 14' RWTC WITH 6' GAS ANCHOR.

RODS RAN - PUMP, 2', 178 - 3/4" RODS, 8', 6', 2', P.R.

PUMP SET @ - 4497.30'

PUMPING UNIT - BETHLEHAM 114, SERIAL # - R-1489, RATIO - 25.4:1.

ENGINE - CONTINENTAL C-66

SURFACE EQUIPMENT - 4' X 20' HEATER TREATER
12' X 15' 300 BBL STEEL STOCK TANK.
SKID MOUNTED HEATER & VERTICAL SEPARATOR.

8/25/97

ELI WIRELINE ON LOCATION TO RUN CORRELATION & SONIC CEMENT BOND LOG.

1997 DEC 29 1:22 PM
KANSAS COMPTON

ORIGINAL

8/25 CONT.

FOUND TOTAL DEPTH - 4526'
FOUND TOP OF CEMENT - 3730' WITH EXCELLENT CEMENT BONDING.

8/27/97

COMANCHE WELL SERVICE ON LOCATION. RIGGED UP D-D POLE UNIT.
SWAB 5 1/2" CASING DOWN TO 4000' FROM SURFACE.
SHUT DOWN FOR NIGHT.

8/28/97

ELI WIRELINE ON LOCATION TO PERFORATE LOWER MISS.
PERFORATED LOWER MISS - 4481'-4484' WITH 4 SHOTS/FT.

COMANCHE SWABBED WELL DOWN TO TOTAL DEPTH.
MADE 1 30 MIN NATURAL TEST - RECOVERED NO FLUID OR GAS.

HALLIBURTON ON LOCATION TO ACIDIZE LOWER MISS WITH 500 GALS 15% DSFE
ACID WITH 25 GALS DP-104.

ACIDIZE LOWER MISS PERFS 4481'-84' AS FOLLOWS:

PUMP 500 GALS 15% DSFE WITH 25 GALS DP-104
LOAD HOLE WITH FIELD BRINE. LOADED 1 1/2 BBL LONG.
PRESSURED IN INTERVALS FOR 1 1/2 HRS. TO 1200 psi BROKE BACK TO VAC.
DISPLACED ACID @ 3 BPM - VAC.
ISIP - VAC, TTL LOAD - 119 BBLs.
HALLIBURTON RIGGED DOWN.

COMANCHE WELL SERVICE RIGGED TO SWAB TEST AFTER ACID.

SWAB TEST LOWER MISS AFTER ACID AS FOLLOWS:

FOUND FL. LEV. @ 1000' DOWN
SWAB WELL DOWN & RECOVERED 111.32 BBLs, GOOD SHOW OIL. 16 MCFPD
1/2 HR. TEST - RECOVERED 2.9 BBLs, 73% OIL, 16 MCFPD GAS TEST.
1/2 HR. TEST - RECOVERED 2.9 BBLs, 25% OIL, 16 MCFPD GAS TEST.
1/2 HR. TEST - RECOVERED 2.9 BBLs, 31% OIL, 16 MCFPD GAS TEST.

NOTE: - IT APPEARS LOWER MISS WILL MAKE A SMALL COMMERCIAL OIL WELL
(10-20 BOPD) AND WILL BE A VERY SMALL CONTRIBUTOR OF GAS

ELI RIGGED TO SET CIBP OVER LOWER MISS AND PERFORATE PROPOSED
INTERVALS IN UPPER MISS.

SET CIBP - 4470'
PERFORATED UPPER MISS - 4398'-4407' WITH 2 SHOTS/FT. EXPENDABLE GUN.
PERFORATED UPPER MISS - 4382'-4388' WITH 2 SHOTS/FT. EXPENDABLE GUN.

COMANCHE RIGGED TO SWAB TEST NATURAL AFTER PERFORATING.
WELL KICKED OFF FLOWING NATURAL.

FLOW TEST UPPER MISS PERES NATURAL AS FOLLOWS:

15 MIN FLOW TEST - RECOVERED 4 BBLs FLUID & THEN DRIED UP.
1/2 HR. FLOW - MEASURED GAS @ 185 MCFPD (DRY) AND BUILDING.
SHUT DOWN FOR THE NIGHT.

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ORIGINAL

8/29/97

SICP - 1300 psi, SBHP - CALCULATES 1490 psi ((ASSUMING NO FLUID)
BLEW WELL DOWN. KICKED OFF FLOWING OIL.

HALLIBURTON ON LOCATION TO ACIDIZE UPPER MISS PERFS WITH 1500 GALS
15% DSFE WITH 45 BALL SEALERS AND 45 GALS CHAMPION DP-104.

ACIDIZED UPPER MISS PERES AS FOLLOWS:

PUMP 500 GALS 15% DSFE.
PUMP 1000 GALS 15% DSFE WITH 45 BALL SEALERS SPACED EQUALLY.
LOAD HOLE WITH CLA-STA WATER (66 BBLs)
DISPLACED ACID TO PERFS @ 3 BPM - 1180 psi TO 350 psi.
DISPLACED 500 GALS ACID @ 4 BPM - 330 psi TO 260 psi.
DISPLACED 400 GALS @ 4 BPM - 260 psi TO 190 psi. (NO BALL ACTION)
DISPLACED 600 GALS @ 5 BPM - 230 psi TO 220 psi. (NO BALL ACTION)
ISIP - 102 psi, VAC - < 1 MINUTE.
TTL LOAD - 141 BBLs.

COMANCHE RIGGED TO SWAB TEST AFTER ACID.

SWAB TEST UPPER MISS PERES AFTER ACID AS FOLLOWS:

FOUND FL. LEV. @ 400' FROM SURFACE.
MADE 6 SWAB RUNS & WELL KICKED OFF FLOWING. SWABBED 60 BBLs.
15 MIN FLOW TEST - RECOVERED 44 BBLs. VERY STRONG GAS.
NOTE: - GAS VOLUMES TOO STRONG TO TEST TO TANK, LAID FLOW LINE TO PIT.
1 HR. FLOW TEST - TEST GAS @ 8000 MCFPD, HEAVY MIST FLUID, 50% OIL.
1 HR. FLOW TEST - TEST GAS @ 8000 MCFPD, HEAVY MIST FLUID, 50% OIL.
1 HR. FLOW TEST - TEST GAS @ 7340 MCFPD, HEAVY MIST FLUID, 72% OIL.

HALLIBURTON ON LOCATION TO RE-ACIDIZE UPPER MISS PERFS WITH 4000 GALS
25# SGA ACID AND 4000 GALS 25# GELLED WATER FOR PAD ACID JOB.

RE-ACIDIZE UPPER MISS PERES AS FOLLOWS:

PUMP 1000 GALS 25# GELLED WATER @ 4 BPM - VAC
PUMP 1000 GALS 15% SGA ACID @ 4 BPM - VAC
PUMP 1000 GALS 25# GELLED WATER @ 4 BPM - VAC
PUMP 1000 GALS 15% SGA ACID @ 4 BPM - VAC
PUMP 1000 GALS 25# GELLED WATER @ 4 BPM - VAC
PUMP 1000 GALS 15% SGA ACID @ 4 BPM - 12 psi
PUMP 1000 GALS 25# GELLED WATER @ 4 BPM - 70 psi
PUMP 1000 GALS 15% SGA ACID @ 4 BPM - 170 psi
FLUSH WITH FIELD BRINE @ 4 BPM - 50 psi.
ISIP - VAC, TOTAL LOAD - 295 BBLs.
SHUT WELL IN FOR 2 HRS. TO LET GEL BREAK.

COMANCHE RIGGED TO SWAB BACK ACID LOAD & TEST AFTER RE-ACID.

TEST UPPER MISS PERES AFTER RE-ACID AS FOLLOWS:

FOUND FL. LEV. @ 700' DOWN.
SWAB BACK 37 BBLs ACID LOAD & WELL KICKED OFF FLOWING.
1/2 HR. FLOW TEST - RECOVERED 22 BBLs.
1/2 HR. FLOW TEST - RECOVERED 9.28 BBLs, TURN TO PIT TO TEST.
1/2 HR. FLOW TEST TO PIT - RECOVERED APPROX 5 BBLs, TEST GAS @ 13,900 MCF
1/2 HR. FLOW TEST - RECOVERED 3 BBLs, 69% OIL, TEST GAS @ 11,000 MCFPD
1/2 HR. FLOW TEST - RECOVERED 3 BBLs, 78% OIL, TEST GAS @ 10,600 MCFPD
1/2 HR. FLOW TEST - RECOVERED 3 BBLs, 81% OIL, TEST GAS @ 10,600 MCFPD.
TTL RECOVERY SINCE RE-TREAT = 142 BBLs. SHUT WELL IN FOR WEEKEND.

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9/2/97

SICP - 1440 psi, SBHP - CALCULATES 1651 psi. (ASSUMING NO FLUID)

CONTINUE FLOW TESTING AS FOLLOWS:

1/2 HR. FLOW - RECOVERED 2 BBLs, 98% OIL, TEST GAS @ 13,000 MCFPD.
1/2 HR. FLOW - RECOVERED 2 BBLs, 98% OIL, TEST GAS @ 11,000 MCFPD.
1/2 HR. FLOW - RECOVERED 2 BBLs, 98% OIL, TEST GAS @ 10,600 MCFPD.
1/2 HR. FLOW - RECOVERED 2 BBLs, 98% OIL, TEST GAS @ 9800 MCFPD
1/2 HR. FLOW - RECOVERED 2 BBLs, 98% OIL, TEST GAS @ 9800 MCFPD
1/2 HR. FLOW - RECOVERED 2 BBLs, 98% OIL, TEST GAS @ 9800 MCFPD.

HALLIBURTON ON LOCATION TO KILL WELL WITH TREATED WATER.
MID CON OIL TOOLS ON LOCATION WITH SAND LINE DRILL.
KILL WELL WITH TTL OF 160 BBLs. (KICKED OFF 3 TIMES)
DRILLED: - CIBP @ 4470'. PUSHED REMAINING PORTION TO PBTD - 4525'.
RIG TO RUN TBG.
SHUT DOWN FOR THE DAY.

9/3/97

SICP - 1000 psi, BLEW WELL DOWN.
KILL WELL WITH 120 BBLs TTL. (KICKED OFF WHILE RUNNING TUBING)
RIG TO RUN PRODUCTION TUBING.

RAN PRODUCTION TUBING AS FOLLOWS:

MUD ANCHOR X 2 7/8"	14.96'
SEATING NIPPLE X 2 7/8"	1.10'
144 JTS. 2 7/8" TBG	4469.20'
8', 6', 4' X 2 7/8" SUBS	18.00'
K.B. (11' < 2' ABOVE G.L.)	9.00'
TUBING SET @	4512.26'
SEATING NIPPLE SET @	4497.30'

TAG TTL DEPTH @ 4522' BY TBG TALLY, PICK UP & SET TUBING 10' OFF BOTTOM

RIG TO RUN NEW RODS & PUMP.

RAN PUMP & RODS AS FOLLOWS:

2 1/2" X 2" X 14' RWTC WITH 6' GAS ANCHOR	16.00'
2' X 3/4" ROD SUB	2.00'
178 - NEW 3/4" RODS	4450.00'
8', 6', 2' X 3/4" ROD SUBS	16.00'
1 1/4" X 16' POLISHED ROD	16.00'
PUMP SET @	4497.30'

CLAMPED RODS OFF.

COMANCHE RIGGED DOWN & MOVED OFF LOCATION.

9/4/97

ENSLEE DOZER ON LOCATION, BUILT PUMPING UNIT GRADE TO WEST OF WELL
BUILT TANK BATTERY GRADE @ ROAD EAST OF WELL NORTH OF GAS PACK FOR
#1 WELL.

STREMEL ON LOCATION WITH 4' X 20' HEATER TREATER & SET.
MOVED 12' X 15' 300 BBL STEEL STOCK TANK FROM ALLTON LEASE & SET.
HOOKED UP TANK BATTERY.

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ORIGINAL

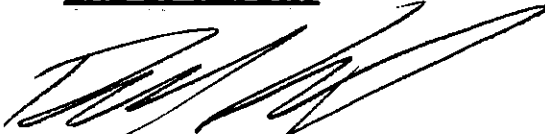
9/4 CONT.

SPIVEY OILFIELD ON LOCATION, SET BETHLEHAM 114 UNIT FROM DUGAN FARMS #3 WITH CONTINENTAL C-66 ENGINE.
DITCHED & LAID APPROX 2500' 2" POLY PIPE WITH 1" PVC RAN BACK FOR DRY GAS SUPPLY TO ENGINE.
HOOKED UP WELL HEAD.

9/5/97

SPIVEY ON LOCATION & FINISHED MISC. HOOK UPS.
STREMEL ON LOCATION & FINISHED MISC. HOOK UPS ON BATTERY.
PUT WELL IN SERVICE @ 6 SPM X 44" STROKE.
PUMP CAPACITY = 125 BTFPD @ 100% EFFICIENCY.
PUMP HUNG UP AFTER PUMPING APPROX 1/2 HR.
WILL GET PUMP CHANGED ASAP.

END OF REPORT



BRAD SIROKY

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