

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 8061
Name: Oil Producers, Inc. of Kansas
Address: P.O. Box 8647
City/State/Zip: Wichita, KS 67208
Purchaser: NCRA/Oneok
Operator Contact Person: Diana Richecky
Phone: (316) 681-0231
Contractor: Name: Mallard JV, Inc.
License: 4958
Wellsite Geologist: William H. Shepherd

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

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

<u>12/15/2003</u>	<u>12/22/2003</u>	<u>1/09/2004</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 033-21378 - 00-00
County: Comanche Approx 100' East of
_____NW_____NW_____NW Sec. 4 Twp. 31 S. R. 18 East West
330 feet from S / (circle one) Line of Section
440 feet from E / (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (circle one) NW SW
Lease Name: Unruh A Well #: 4
Field Name: Alford

Producing Formation: Mississippian
Elevation: Ground: 2123' Kelly Bushing: 2128'
Total Depth: 5150' Plug Back Total Depth: 5100'
Amount of Surface Pipe Set and Cemented at 781 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 *ALL 1005.25.04*
(Data must be collected from the Reserve Pit)
Chloride content 94,080 ppm Fluid volume 840 bbls
Dewatering method used Hauled to SWD
Location of fluid disposal if hauled offsite:
Operator Name: Oil Producers, Inc. of Kansas
Lease Name: Watson #2 License No.: 8061
Quarter sw/4 Sec. 8 Twp. 29 S. R. 15 East West
County: Pratt Docket No.: D-24324

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 of 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: [Signature]
Title: PRESIDENT Date: 2/26/2004
Subscribed and sworn to before me this 26 day of February,
2004.
Notary Public: [Signature]
Date Commission Expires: 1/12/2008

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution



X

Operator Name: Oil Producers, Inc. of Kansas Lease Name: Unruh A Well #: 4
 Sec. 4 Twp. 31 S. R. 18 East West County: Comanche

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Receiver Cement Bond Log, Micro Log, Sonic Log, Dual Induction Log, Compensated Density/Neutron PE Log, Geological Report	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:30%;">Log Name</th> <th style="width:40%;">Formation (Top), Depth and Datum</th> <th style="width:30%;">Sample Datum</th> </tr> <tr> <td>see note #1</td> <td></td> <td></td> </tr> </table>	Log Name	Formation (Top), Depth and Datum	Sample Datum	see note #1		
Log Name	Formation (Top), Depth and Datum	Sample Datum					
see note #1							

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		8 5/8"	24#	781'	see note #2	see note	see note #2
Production		4 1/2"	10.5#	5149'	see note #2	see note	see note #2

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
	see initial completion report		

TUBING RECORD		Size Set At	Packer At	Liner Run
		2 3/8" 5095.21'		Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enh r.		Producing Method		
1/10/2004		Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <input type="checkbox"/>		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	5	85		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

Note 1:**Log Formation(Top), Depth and Datum**

Name	Top	Datum
Stotler	3463'	-1335'
Heebner	4170'	-2042'
Brown Lime	4340'	-2212'
Lansing-Kansas City	4359'	-2231'
Marmaton	4793'	-2665'
Altamont	4845'	-2717'
Cherokee	4922'	-2794'
Mississippian	4988'	-2860'
LTD	5149'	-3021'

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Note 2:

Surface	Type of Cement	Type and Percent Additives
190 sacks	A-con	3% cc, 1/4# cellflake
125 sacks	60/40 poz	3% cc, 1/4# cellflake

Production

135 sacks	Premium H	7 sacks calseal, 34# flocele, 675# gilsonite, 34# D-Air, 667# salt, 96# Halad 334
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ORIGINAL

SALES OFFICE:
 100 S. Main
 Suite #607
 Wichita KS 67202
 (316) 262-3699
 (316) 262-5799 FAX

SALES & SERVICE OFFICE:
 10244 NE Hiway 61
 P.O. Box 8613
 Pratt, KS 67124-8613
 (620) 672-1201
 (620) 672-5383 FAX

SALES & SERVICE OFFICE:
 1700 S. Country Estates Rd.
 P.O. Box 129
 Liberal, KS 67905-0129
 (620) 624-2277
 (620) 624-2280 FAX

Invoice

Bill to:			6395901	Invoice	Invoice Date	Order	Order Date
OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208				312109	12/31/03	7412	12/16/03
				Service Description			
				Cement			
				Lease		Well	
				Unruh		A-4	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms		
	L. Urban	K. Gordley	New Well		Net 30		

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<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D201	A-CON BLEND (COMMON)	SK	190	\$13.08	\$2,485.20 (T)
D203	60/40 POZ (COMMON)	SK	125	\$7.84	\$980.00 (T)
C310	CALCIUM CHLORIDE	LBS	861	\$0.75	\$645.75 (T)
C194	CELLFLAKE	LB	22	\$2.00	\$44.00 (T)
F303	BAFFLE PLATE ALUMINUM, 8 5/8"	EA	1	\$72.00	\$72.00 (T)
F123	BASKET, 8 5/8"	EA	1	\$290.00	\$290.00 (T)
F203	GUIDE SHOE TEXAS PATTERN, 8 5/8"	EA	1	\$285.00	\$285.00 (T)
F145	TOP RUBBER CEMENT PLUG, 8 5/8"	EA	1	\$145.00	\$145.00 (T)
E107	CEMENT SERVICE CHARGE	SK	315	\$1.50	\$472.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45	\$3.25	\$146.25
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	646	\$1.30	\$839.80
R202	CASING CEMENT PUMPER, 501-1,000' 1ST 4 HRS ON LOC.	EA	1	\$924.00	\$924.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

Sub Total: \$7,579.50

Discount: \$2,204.07

Discount Sub Total: \$5,375.43

Comanche County & State Tax Rate: 5.30% Taxes: \$185.95

(T) Taxable Item

Total: \$5,561.38

Cement for surface casing Intangible

PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.

54#183 5 to C.L. - 2E - Sinto

ORIGINAL



INVOICE NO.		Subject to Correction		FIELD ORDER 7412	
Date	12-16-03	Lease	UNRHT "A"	Well #	4
Customer ID		County	COMANCHE	State	KS
		Depth		Formation	
				Shoe Joint	43"
		Casing	8 5/8	Casing Depth	281
				TD	
				Job Type	SURFACE-NW
		Customer Representative	UNION		Treater
					K. GORNEY
AFE Number	PO Number	Materials Received by	X Landon R Union		

CHARGE

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D201	190 SL.	A-CON CEMENT				
D203	125 SL.	60/40 POL CEMENT				
C310	86 LB.	CALCIUM CHLORIDE				
C194	72 LB.	CELLULASE				
F303	1 EA.	8 5/8 BAFFLE PLATE				
F123	1 EA.	8 5/8 BASKET				
F203	1 EA.	8 5/8 TEXAS SHOE				
F145	1 EA.	8 5/8 TOP RUBBER PUL				
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E107	315 SL.	CEMENT SERV. CHARGE				
E160	45 mile	UNITS	MILES			
E104	646 TM	TONS	MILES			
R202	1 EA.	EA.	PUMP CHARGE			
R201	1 EA.	CEMENT HEAD RENTAL				
PRICE =				5325.43		

10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383 TOTAL

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TREATMENT REPORT



Customer ID		Date	
Customer OIL Prod. INC. OF KS.		12-16-03	
Lease UNRUTT "A"		Lease No.	Well # 4
Field Order # 1412	Station Pratt, ks.	Casing 8 5/8	Depth 781
Type Job SURFACE - NW		County COMANCHE	State KS
Formation		Legal Description 4-31-18	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth 781	Depth	From	To	Pre Pad		Max		5 Min.
Volume	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth 738	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative LAWSON	Station Manager AUSTIN	Treater CORDLEY
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Service Units	107	27	44	20				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0830					ON LOCATION
0930					RUN 781' 8 5/8 CASING RUN TEXAS SHOE, Baffle Plate BRACKET ON NEXT TO LAST AT 80'
					TRAC BOTTOM - BREAK CORE.
	250		10	6	PUMP 10 GAL H ₂ O MIX CEMENT
	200		91	6	190 SL. A CON 3 1/2 CC, 1/4" SL. C.F.
	150		27	6	125 SL. 60/40 PZ 3 1/2 CC, 1/4" SL. C.F.
					STOP - RELEASE PLUG
	0		0	6	START DISP
1130	350		47	2	PLUG DOWN SHUT ON WITH 600# CORE. 25 SL. CEMENT TO PZV
1200					JOB COMPLETE - THANKS - KEVIN

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Halliburton Energy Services, Inc.

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KCC WICHITA

ORIGINAL

Sales Order Number: 2835669

Sales Order Date: December 22, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	HOURS	2.00	hr					
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, 045-050 NUMBER OF DAYS	1.000	JOB		962.00	962.00	461.76-	500.24
142	AXIAL FLOW MIXER,W/O ADC,/JOB,ZI 046-070 NUMBER OF JOBS	1.000	EA		665.00	665.00	319.20-	345.80
74038	ZI PLUG CONTAINER RENTAL-1ST DAY DAYS OR FRACTION (MIN1)	1.000	EA	770.00	770.00	770.00	369.60-	400.40
100013745	PLUG ASSY - 3W LATCHDOWN - 4-1/2 IN 593801.0373 / PLUG ASSY - 3 WIPER LATCH- DOWN - 4-1/2 / CSG	1.000	EA		363.36	363.36	174.41-	188.95
100076190	SHOE,IFS,4-1/2 8RD,INSR FLPR V SHOE,IFS, 4-1/2 8RD, INSERT FLAPPER / VALVE	1.000	EA		133.35	133.35		133.35
100004364	BAFFLE ASSY - 4-1/2 8RD LATCHDOWN PLUG / 594801.03734 / BAFFLE - CAST IRON - 4-1/2 8RD LATCH / DOWN PLUG	1.000	EA		151.31	151.31	72.63-	78.68
100013930	FILUP ASSY,1.250 ID,4 1/2,5 IN INSR 27815.19113 / FILLUP ASSY - 1.250 ID - 4- 1/2 - / 5 IN. INSERT FLOAT VALVE	1.000	EA		67.19	67.19	32.25-	34.94
100004491	CTRZR ASSY,TURBO,API,4 1/2 CSG X 7 7/8 40 806.60104 / CENTRALIZER ASSY - TURBO - API - / 4-1/2 CSG X 7-7/8 HOLE - HINGED - / W/WELDED IMPERIAL BOWS AND FLUID / DEFLECTOR FINS	6.000	EA		90.96	545.76	261.96-	283.80
100005045	KIT,HALL WELD-A KIT, HALLIBURTON WELD-A / (1 kit per fiberboard box)	1.000	EA		38.70	38.70	18.58-	20.12

HALLIBURTON

**SALES ORDER
RECEIVED**

Halliburton Energy Services, Inc.

MAR 01 2004

KCC WICHITA

Sales Order Number: 2835669

Sales Order Date: December 22, 2003

SOLD TO:

OIL PRODUCERS INC OF KANSAS
BOX 8647
WICHITA KS 67208
USA

Rig Name:

Well/Rig Name: OIL PRODUCERS UNRUH A#4,
COMANCHE
Company Code: 1100
Customer P.O. No.: NA
Shipping Point: Liberal, KS, USA
Sales Office: Mid-Continent BD
Well Type: Oil
Well Category: Development
Service Location: 0037
Payment Terms: Net due in 20 days

SHIP TO:

OIL PRODUCERS UNRUH A#4, COMANCHE
UNRUH
*
COLDWATER KS 67029
USA

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7523	PSL - CMT PRODUCTION CASING - BOM JP035	1.00	JOB					
1	"ZI-MILEAGE FROM NEAREST HES 000-117 Number of Units	120.000	MI		5.28	633.60	304.13-	329.47
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	120.000	MI		0.24	28.80		28.80
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	120.000	MI		3.11	373.20	179.14-	194.06
86954	ZI FUEL SURCHG-CARS/PICKUPS <1 FUEL SURCHG-CARS/PICKUPS <1 1/2TON/PER/MI Number of Units	120.000	MI		0.08	9.60		9.60
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METRES (FT/M)	1.000	EA		3,491.00	3,491.00	1,675.68-	1,815.32
16092	ADDITIONAL HOURS (PUMPING EQUIPMENT), ZI 001-018 / CSG PUMPING.ADD HR.ZI	1.000	EA					

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Halliburton Energy Services, Inc.

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ORIGINAL

Sales Order Number: 2835669

Sales Order Date: December 22, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
13383	SBM MUD FLUSH,ZI 018-315 / SBM MUD FLUSH,ZI	250.000	GAL		1.26	315.00	151.20-	163.80
100003639	CHEM, HALLIBURTON SUPER FLUSH, 68 LB BAG 516.00114 / CHEMICAL - HALLIBURTON SUPER FLUSH	6.000	SK		171.00	1,026.00	492.48-	533.52
100003687	CEM,CLASS H / PREMIUM, BULK CEMENT - CLASS H - PREMIUM - BULK / CEMENT - CLASS H - PREMIUM - BULK	160.000	SK		22.69	3,630.40	1,742.59-	1,887.81
100064022	Chem- Calseal 60 (Bulk) 508-127516.00335 / CHEMICAL - CAL SEAL - BULK	7.000	SK		56.94	398.58	191.32-	207.26
100005049	Chemical - Flocele (25 lb sk) / XXXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK	34.000	LB		2.86	97.24	46.68-	50.56
100003700	Chem- Gilsonite (Bulk) 508-292 516.00337 / CHEMICAL - GILSONITE - BULK	675.000	LB		0.83	560.25	268.92-	291.33
101007446	CHEM,D-AIR 3000, 40 LB BAG Chemical - D-Air 3000	34.000	LB		5.88	199.92	95.96-	103.96
100003695	CHEM, SALT,CEM GR,BULK 509-968516.00315 / SALT - CEMENT GRADE - BULK	667.000	LB		0.26	173.42	83.24-	90.18
100003670	CHEMICAL - HALAD-344 - 50 LB SACK XXXXXXX 516.00227 / CHEMICAL - HALAD-344 - 50 LB SACK	96.000	LB		45.61	4,378.56	2,101.71-	2,276.85
3965	HANDLE&DUMP SVC CHRGR,	194.000	CF		2.96	574.24	275.64-	298.60

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Halliburton Energy Services, Inc.

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Sales Order Number: 2835669

Sales Order Date: December 22, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	<small>500-207</small> NUMBER OF EACH	1	each					
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN <small>500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN</small> NUMBER OF TONS	516.000	MI		1.81	933.96	448.30-	485.66
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES <small>FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM</small> NUMBER OF TONS	516.000	MI		0.08	41.28		41.28
	SALES ORDER AMOUNT					20,561.72	9,767.38-	10,794.34
	Sales Tax - State							336.29
	SALES ORDER TOTAL							11,130.63 US Dollars
	Total Weight: 19,844.17 LB							

INVOICE INSTRUCTIONS:

Operator Name:
Customer Agent:Halliburton Approval: X _____
Customer Signature: X _____

HALLIBURTON

Halliburton Energy Services, Inc.

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ORIGINAL

Sales Order Number: 2835669

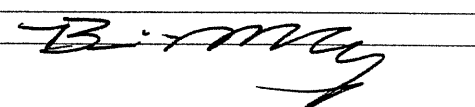
Sales Order Date: December 22, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	516.000	MI		0.08	41.28		41.28
	FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	1.00	ton					
SALES ORDER AMOUNT						20,561.72	9,767.38-	10,794.34
Sales Tax - State								336.29
SALES ORDER TOTAL								11,130.63
Total Weight: 19,844.17 LB								US Dollars

INVOICE INSTRUCTIONS:

Operator Name:
 Customer Agent:

Halliburton Approval: X
 Customer Signature: X



HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER 2835669	TICKET DATE 12/23/03
BDA / STATE MC/Ks	COUNTY COMANCHE
PSL DEPARTMENT Cement	
CUSTOMER REP / PHONE BRAD SIROKY 1820-546-3134	
API/UWI #	
SAP BOMB NUMBER 7523	Cement Production Casing
HES FACILITY (CLOSEST TO WELL SITE) LIBERAL	

REGION Central Operations	NWA / COUNTRY Mid Continent/USA
MBU ID / EMPL # MCLIO104 212723	H.E.S. EMPLOYEE NAME JERRAKO EVANS
LOCATION LIBERAL	COMPANY OIL PRODUCERS OF KS INC
TICKET AMOUNT \$11,130.63	WELL TYPE 01 Oil
WELL LOCATION COLDWATER, KS	DEPARTMENT CEMENT
LEASE NAME UNRUH "A"	Well No. #4
	SEC / TWP / RNG 4 - 31S - 18W

ORIGINAL

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HR	HR	HR	HR
Evans, J 212723	8.5			
Oliphant, C 243055	8.5			
Howard, A 285427	8.5			

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H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10415642	240			
10011407-10011306	240			
10010748-10011590	300			

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

Date	Called Out	On Location	Job Started	Job Completed
	12/22/2003	12/23/2003	12/23/2003	12/23/2003
Time	1500	0000	0630	0830

Tools and Accessories

Type and Size	Qty	Make
Float Collar		
Float Shoe IFS	1	HOWCO
Centralizers FM	6	HOWCO
Top Plug LD&BAFFLE	1	HOWCO
HEAD	1	HOWCO
Limit clamp		
Weld-A	1	HOWCO
Guide Shoe		
BTM PLUG		

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	10.5#	4 1/2"		0	5,149	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			7 7/8"			5,150	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	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		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
12/23	8.5	12/23	13.5	Cement Production Casing
Total	8.5	Total	13.5	

Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM Disp.	Overall
Feet 35	Cement Left in Pipe Reason	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	135	PREMIUM H		5%CALSEAL - 1/4#FLOCELE - 10%SALT - 5#GILSONITE - .25%D-AI	5.95	1.42	15.00
2	25	PREMIUM H		NEAT PLUG RATHOLE AND MOUSEHOLE	5.20	1.18	15.60
3							
4							

Summary

Circulating	Displacement	Preflush:	BBI	Type:
Breakdown	MAXIMUM	Load & Bkdn:	Gal - BBI	Pad:Bbl -Gal
Lost Returns	Lost Returns	Excess /Return	BBI	Calc. Disp Bbl
Cmt Rtrn#Bbl	Actual TOC	Calc. TOC:		Actual Disp.
Average	Frac. Gradient	Treatment:	Gal - BBI	Disp:Bbl
Shut In: Instant	5 Min. 15 Min.	Cement Slurry	BBI	
		Total Volume	BBI	120.00

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
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THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE

[Signature]
 SIGNATURE

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HALLIBURTON JOB LOG				TICKET #	2835669	TICKET DATE	12/23/03
REGION Central Operations		NWA / COUNTRY Mid Continent/USA		BDA / STATE MC/Ks		COUNTY COMANCHE	
MBU ID / EMPL # MCLIO104 212723		H.E.S EMPLOYEE NAME JERRAKO EVANS		PSL DEPARTMENT Cement			
LOCATION LIBERAL		COMPANY OIL PRODUCERS OF KS INC		CUSTOMER REP / PHONE BRAD SIROKY		1-620-546-3134	
TICKET AMOUNT \$11,130.63		WELL TYPE 01 Oil		API/UWI #			
WELL LOCATION COLDWATER, KS		DEPARTMENT CEMENT		JOB PURPOSE CODE Cement Production Casing			
LEASE NAME UNRUH "A"		Well No. #4		SEC / TWP / RNG 4 - 31S - 18W		HES FACILITY (CLOSEST TO WELL S) LIBERAL	

HES EMP NAME/EMPL # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMPL # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMPL # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMPL # (EXPOSURE HOURS)	HRS
Evans, J 212723	8.5						
Oliphant, C 243055	8.5						
Howard, A 285427	8.5						

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate N2	Press.(PSI)		Job Description / Remarks
					CSG.	Tbg	
	1500						CALLED OUT FOR JOB
	0000						JOB READY
	1730						PRE-TRIP SAFETY MEETING
	2000						PT ON LOCATION/ JOB SITE ASSESMENT
	2030						RIG UP TRUCKS
							RIG RUNNING IN DP
							CIRC ON BOTTOM 1 HR
							START PULLING DP
							RIG UP CASING CREW
	0215						START RUNNING CASING & FE (4 1/2)
	0430						CASING ON BOTTOM (5149 FT)
	0435						HOOK UP PC & CIRC IRON
	0440						CIRC WITH RIG PUMP
							HOOK UP TO PT
	0620	2.0	5.0				PLUG RAT HOLE
	0637				3000		TEST LINES
	0641	3.5	3.0		200		PUMP H2O SPACER
	0643	3.5	6.0		200		PUMP MUD FLUSH SLACER
	0645	3.5	3.0		200		PUMP H2O SPACER
	0646	3.5	6.0		200		PUMP SUPER FLUSH SPACER
	0650	3.5	34.0		175		START MIXING CMT @15# (135 SX PREM H)
							THROUGH MIXING/ WASH PUMP & LINES
	0728						DROP PLUG
	0737	5.0	0-71		50		START DISP WITH FRESH WATER
	0750	5.0	64.0		275		DISP REACHED CMT
	0752	3.0	71.0		560		SLOW RATE
	0756	3.0	81.0		1400		BUMP PLUG
	0757						RELEASE FLOAT HELD
							THANKS FOR CALLING HALLIBURTON
							JERRAKO & CREW

UNRUH A #4
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OIL PRODUCERS INC, OF KANSAS
Initial Completion Report

WELL- UNRUH A #4

LEGAL- 330'FNL & 440' FWL SEC 4 TWP 31S RGE 18W COMANCHE CO, KS

API#- 15-033-21378

GROUND ELEV.- 2123'

K.B.- 5' ABOVE G.L. @ 2128'

SURFACE CSN- 18 JTS 8 5/8" 24# @ 781 W/ 190SXS A-CON

RTD- 5150'

LTD- 5149'

PRODUCTION CSN- 4.5" 10.5# NEW & (USED 6 JTS ON BOTTOM) R-3 J-55 CSN @ 5142'

PRODUCTION CSN CEMENT- 135 SXS PREMIUM H, 7 SXS CALSEAL, 34# FLOCELE, 675# GILSONITE, 34# D-AIR, 667# SALT, 96# HALAD 344.

DV TOOL- N/A

TWO STAGE CEMENT- N/A

TOP OF CEMENT- 4550' W/VERY POOR BONDING

PBTD- 5100'

CIBP- N/A

<u>PERFORATIONS</u> -	MISSISSIPPI	5010'-5017'	3/FT	(ELI 12/30/03)
	MISSISSIPPI	5029'-5033'	3/FT	(ELI 12/30/03)
	MISSISSIPPI	5045'-5047'	3/FT	(ELI 12/30/03)

COMPLETION DATE- 12/30/03

TUBING IN HOLE- 163 JTS 2 3/8" TBG (5076.11')- 31.14' AVERAGE JT

PACKER@- N/A

TBG ANCHOR @- N/A

TUBING SET @- 5095.21'

AVERAGE TBG JT- 31.14'

PUMP RAN- 2X 1 1/2 X 14' RWB HOLLOW ROD

RODS RAN- BHP, 2'X 3/4", 202- 3/4", 8',6',4',2', 16' PR W/8'LINER

PUMP SET @- 5080.21'

PUMPING UNIT- HELLSTAR 114, MODEL-114-73, S.N. 10170, W/74".

PRIME MOVER- C-66

GAS SEPARATOR- SEE UNRUH A 1

LINE HEATER-

GUN BBL-

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HEATER TREATER- SEE UNRUH A 1FWKO-STOCK TANKS- SEE UNRUH A 1WATER TANKS- SEE UNRUH A 1S.W. PUMP-METER RUN-GAS PIPELINE-WATER DIPOSAL- HAUL

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12/29/03

COMANCHE ON LOCATION, SPOT IN RIG
SDFN

12/30/03

COMANCHE ON LOCATION, RIG UP D-D DERRICK
ELI WIRELINE SERVICE ON LOCATION TO RUN CORRELATION AND CEMENT BOND LOG.

FOUND TOP ON CEMENT @ 4550' W/ VERY POOR CEMENT BOND

NOTE: CONSULT RICHARD LEETH ON CEMENT BOND, DECISION MADE TO CONTINUE
COMPLETION AS SCHEDULED.

FOUND PBDT @ 5100' (6' HIGH TO TOP INSERT @ 5106')

SOUX TRUCK ON LOCATION W/ SWAB TANK

COMANCHE RIGGED TO SWAB 4.5" CSN DOWN TO 4400'

ELI WIRELINE RIGGED TO PERFORATE PROPOSED INTERVALS IN MISSISSIPPI
FORMATION UTILIZING 32 GRAM EXPENDABLE CSN GUNS.

PERFORATE MISSISSIPPI INTERVALS AS FOLLOWS:

MISSISSIPPI	5045'-5047'	3/FT
MISSISSIPPI	5029'-5033'	3/FT
MISSISSIPPI	5010'-5017'	3/FT

NOTE: FLUID ROSE TO 4320' FROM SURFACE (APPROX 120')

COMANCHE RIGGED TO SWAB NATURAL TEST MISSISSIPPI PERFORATIONS

FOUND FLUID @ 4300' FROM SURFACE, SWAB DOWN REC 11.34 BBL NO OIL, SHOW GAS
½ HR NATURAL TEST- REC 1.67 BBL NO OIL SHOW GAS

GREAT PLAINS ON LOCATION W/ 80BBLs FIELD BRINE FOR ACID JOB

ACID SERVICES ON LOCATION TO ACIDIZE MISSISSIPPI PERFORATIONS W/ 4000 GALS
DSFE 15% W/MCA & FOAMER AND 60 BALLSEALERS.

ORIGINAL**RECEIVED****MAR 01 2004****KCC WICHITA**ACIDIZE MISSISSIPPI PERFORATIONS AS FOLLOWS:

PUMP 500 GALS DSFE 15% ACID

PUMP 3500 GALS DSFE 15% ACID W/ 60 BALL SEALERS EQUALLY SPACED

PUMP 80 BBL FIELD BRINE

PRESSURE TO 250# START FEEDING

DISPLACE 500 GAL ACID @ 5 BPM - 210#

DISPLACE 2500 GALS ACID @ 6 BPM- 110#

BALL ACTION, BALLED OFF 1450#, SURGE BACK TWICE

COMANCHE RIGGED TO RIH W/ SWAB JAR TO WIPE PERFS OF BALL SEALERS

DISPLACE 1000 GALS ACID @ 6 BPM - 45#

ISIP- VACTTL LOAD TO RECOVER-175 BBLs

COMANCHE RIGGED TO SWAB TEST MISSISSIPPI PERFORATIONS AFTER ACID.

SWAB TEST AFTER ACID AS FOLLOWS(CONTINUOUS SWABBING):FOUND FLUID@ 1500' FROM SURFACE

1 HR-REC 82.66 BBL 24%OIL SHOW GAS

1 HR-REC 36.74 BBL 36%OIL SHOW GAS

SQUIX TRUCK ON LOCATION W/ APPROX 5100' OF NEW AND USED 2 3/8 TBG

SDFN.

12/31/03

COMANCHE ON LOCATION TO GET MORNING REPORT.

SICP- 245# FLUID LEVEL @-3100' OVERNIGHT OIL FILL UP %- 20SBHP- 868# W/OUT SICP FREE OIL-365'

COMANCHE RIGGED TO CONTINUE SWAB TESTING OF MISSISSIPPI PERFORATIONS VIA 4.5" CSN.

CONTINUE SWAB TEST AFTER ACID AS FOLLOWS:FOUND FLUID @- 3100'

1 HR-REC 41.69 BBL 37%OIL GOOD SHOW GAS

1 HR-REC 22.12 BBL 36%OIL GOOD SHOW GAS

1 HR-REC 16.70 BBL 33%OIL GOOD SHOW GAS

½ HR-REC 5.01 BBL 47%OIL 72MCFPD

½ HR-REC 2.50 BBL 31%OIL 65MCFPD

½ HR-REC 4.17 BBL 31%OIL 43MCFPD

½ HR-REC 4.17 BBL 37%OIL 43MCFPD

½ HR-REC 3.34 BBL 44%OIL 42MCFPD

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½ HR-REC 3.34 BBL 37%OIL 43MCFPD

SHUT DOWN FOR NEW YEARS DAY!

1/2/04

COMANCHE ON LOCATION TO GET MORNING REPORT

SICP- 450# FLUID LEVEL @-4575' OVERNIGHT OIL FILL UP %- 60

SBHP- 732# FREE OIL-315'

COMANCHE RIGGED TO CONTINUE SWAB TEST OF MISSISSIPPI PERFORATIONS AFTER ACID.

SWAB TEST AS FOLLOWS:

½ HR-REC 7.93 BBL 23%OIL 45MCFPD

½ HR-REC 5.01 BBL 31%OIL 43MCFPD

SOUIX TRUCK ON LOCATION W/BHP AND RODS

COMANCHE RIGGED TO RIH W/ 2 3/8" PRODUCTION TBG

RUN PRODUCTION TBG AS FOLLOWS:

MUD ANCHOR 15.00'

SEAT NIPPLE 1.10'

163 JTS 2 3/8" TBG 5076.11'

K.B. (5' < 2' ABOVE G.L.) 3.00'

TUBING SET @ 5095.21' (APPROX 10' OFF BOTTOM)

SEAT NIPPLE SET@ 5080.21'

COMANCHE RIGGED TO RIH W/ BHP AND PRODUCTION RODS.

RUN BHP AND RODS AS FOLLOWS:

2X1 1/2X14' RWB HOLLOW ROD W/6' GAS ANCHOR 16.00'

1- 2'X 3/4" PONY ROD 2.00'

202- 25' X 3/4" RODS 5050.00'

SUBS, 8',6',4',2' (ALL 3/4" RODS) 20.00'

POLISH ROD W/ 8' LINER 16.00'

PUMP SET @ 5080.21'

COMANCHE SPACE OUT PUMP

GREAT PLAINS ON LOCATION TO LOAD HOLE, GOOD PUMP ACTION, PRESSURE AND HELD TO 250#.

COMANCHE RIGGED DOWN D-D DERRICK AND MOVE OF LOCATION.

SHAWNEE LEASE SERVICE MAKE ONE-CALL FOR LEAD LINE.

SDFW

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1/6/04

SHAWNEE LEASE SERVICE ON LOCATION TO LAY OUT AND MAKE UP APPROX 340' OF 2 3/8" TBG FOR SINGLE LEAD LINE FROM WELLHEAD, NORTHWEST TO VERTICAL GAS SEPERATOR AT EXISTING UNRUH A TANK BATTERY.

1/7/04

SHAWNEE LEASE SERVICE ON LOCATION TO TRENCH IN LEAD LINE, AND MAKE CONNECTIONS AT WELLHEAD AND GAS SEPERATOR.

KANSA DIRT SERVICE ON LOCATION TO BUILD PUMPING UNIT PAD AND SPOT FIBER OPTIC LINE JUST SOUTH OF TANK BATTERY.

SOUIX TRUCK ON LOCATION TO DELIVER 114 HELLSTAR PUMPING UNIT FROM MUIR B LEASE.

SOUIX TRUCK ON LOCATION TO SET 114 HELLSTAR PUMPING UNIT.

SDFN

1/8/04

SHAWNEE LEASE SERVICE ON LOCATION TO COMPLETE WELLHEAD HOOK UP AND SET C-66 ENGINE FROM RICH LEASE.

1/9/04

SHAWNEE LEASE SERVICE AND SOUIX TRUCK ON LOCATION TO CHANGE OUT 7' POLISH ROD LINER W/ 8' POLISH ROD LINER AND ADD WEIGHT TO PUMP UNIT FOR BALANCING. PUT WELL ON.

END OF REPORT
Brian J. McCoy

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