

ORIGINAL

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

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

City/State/Zip WICHITA, KANSAS 67208

Purchaser: BOYD ROSENE

Operator Contact Person: DIANA RICHECKY  
Phone (316) 681-0231

Contractor: Name: VAL ENERGY, INC.  
License: 5822

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)

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. \_\_\_\_\_  
10/14/98 \_\_\_\_\_ 10/17/98 \_\_\_\_\_ 10/30/98 \_\_\_\_\_  
Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

API No. 15- 175-21763-0000  
County SEWARD  
C - E/2 - SW Sec. 36 Twp. 32 Rge. 32  <sup>E</sup>W  
1320 Feet from (S)N (circle one) Line of Section  
3300 Feet from (E)W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, (SE) NW or SW (circle one)

Lease Name SIMS Well # 2-36  
Field Name MASSONI NW  
Producing Formation CHASE GROUP

Elevation: Ground 2774 KB 2779  
Total Depth 2744' PBTB 2704'

Amount of Surface Pipe Set and Cemented at 538  
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, 2-2-99 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 21000 ppm Fluid volume 1480 bbls  
Dewatering method used: EVAPORATION AND RESTORE SITE  
Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name Oil Producers, Inc. of Ks  
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 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 John S. Weir John S. Weir  
Title President Date 1/26/99  
Subscribed and sworn to before me this 26th of Jan. 1999.  
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)

DIANA L. RICHECKY  
Notary Public - State of Kansas  
My Appt. Expires 1/12/2000

Operator Name Oil Producers, Inc. of Kansas Lease Name SIMS Well # 2-36

Sec. 36 Twp. 32S Rge. 32  
 East  
 West

County SEWARD

**ORIGINAL**

**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, GAMMA RAY  
 CORRELATION CEMENT BOND LOG, SONIC  
 LOG, COMPENSATED NEUTRON DENSITY  
 LOG, DUAL INDUCTION LOG

<input checked="" type="checkbox"/> Log			Formation (Top), Depth and Datums			<input type="checkbox"/> Sample		
Name	Top	Datum						
HERINGTON	2566'	+ 213'						
KRIDER	2600'	+ 179'						
WINFIELD	2683'	+ 96'						
LTD	2744'	+ 35'						

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"	28#	538	MidCon Lite	200	3% CC, 6% gel
PRODUCTION	7 7/8	4 3/4"	10.5 #	2750	Mid-con/EA2	300/100	

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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
1	2568-2574'	SEE ATTACHED INITIAL COMPLETION REPORT   same
1	2604-2606'	
1	2634-2640'	
1	2653-2658'	

**TUBING RECORD** Size 2 3/8" Set At 2656.00' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. \_\_\_\_\_ Producing Method X  
 Estimated Production 11/1/98 Oil \_\_\_\_\_ Bbls. Gas 180mcfpd Mcf Water \_\_\_\_\_ Bbls. Gas Lift Other (Explain) \_\_\_\_\_ Gas-Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled see sheet  
 Other (Specify) \_\_\_\_\_

# ALLIED CEMENTING CO., INC.

ORIGINAL

7683

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
med. Lodge, Ks.

DATE 10-14-98	SEC. 36	TWP. 32	RANGE 32	CALLED OUT 7:30 A.M.	ON LOCATION 11:00 A.M.	JOB START 1:00 P.M.	JOB FINISH 2:30 P.M.
LEASE Sims	WELL # 2-36	LOCATION 601 Panhandle RD.		COUNTY Seward	STATE Ks.		
OLD OR NEW (Circle one)			45-1/2 E-1/2 N- W/4				

CONTRACTOR UAI Energy  
 TYPE OF JOB Surface Csg.  
 HOLE SIZE 12 1/4 T.D. 546'  
 CASING SIZE 8 5/8 x 24 DEPTH 538'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2 X hole DEPTH 546'  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 200 MINIMUM 100  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 34.90  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 3 1/2 Bbls Fresh H<sub>2</sub>O

OWNER Oil Producers Inc. of Ks.

CEMENT  
 AMOUNT ORDERED 200 SXS. ALW + 3% CALZ  
1/4" Flo-Seal, 12 SXS. CLASS A + 2% Gel  
3% CALZ

EQUIPMENT  
 PUMP TRUCK CEMENTER Larry Dredling  
 # 343 HELPER Justin Hart  
 BULK TRUCK \_\_\_\_\_  
 # 240-250 DRIVER James Holt  
 BULK TRUCK \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>125</u>	@	<u>7.55</u>	<u>943.75</u>
POZMIX		@		
GEL	<u>2</u>	@	<u>9.50</u>	<u>19.00</u>
CHLORIDE	<u>10</u>	@	<u>28.00</u>	<u>280.00</u>
ALW	<u>200</u>	@	<u>7.05</u>	<u>1410.00</u>
FLO-SEAL	<u>50 #</u>	@	<u>1.15</u>	<u>57.50</u>
		@		
		@		
HANDLING	<u>325</u>	@	<u>1.20</u>	<u>390.00</u>
MILEAGE	<u>325 x 1/2</u>		<u>.04</u>	<u>576.00</u>

TOTAL \$3646.25

REMARKS:  
Pipe on Bottom - Break Circ.  
mix + Pump 200 SXS. ALW + 3% CALZ  
1/4" Flo-Seal, 12 SXS. CLASS A + 2% Gel  
3% CALZ Release Plug. Pump +  
Displace Plug w/ 3 1/2 Bbls. Fresh H<sub>2</sub>O  
Bump Plug. Shut In Cement  
Circ. to Surface.

SERVICE  
 DEPTH OF JOB 538'  
 PUMP TRUCK CHARGE 0.300' 560.00  
 EXTRA FOOTAGE 238' @ .50 119.00  
 MILEAGE 22 @ 2.85 62.70  
 PLUG Rubber - 8 5/8 @ 90.00 90.00

TOTAL \$831.70

CHARGE TO: Oil Producers/Ks.  
 STREET P.O. Box 8647  
 CITY WICHITA STATE KANSAS ZIP 67208

FLOAT EQUIPMENT

1-Baffle Plate	@	<u>135.00</u>	<u>135.00</u>
	@		
	@		
	@		

TOTAL \$135.00

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_  
 TOTAL CHARGE 4612.95  
 DISCOUNT 691.94 IF PAID IN 30 DAYS  
 NET # 3921.01  
 X Rick Smith  
 PRINTED NAME

SIGNATURE X Rick Smith

CONSERVATION DIVISION  
 WICHITA, KANSAS  
 JAN 27 1999

RECEIVED  
 STATE CONSERVATION COMMISSION



**HALLIBURTON ENERGY SERVICES**  
A Division of Halliburton Company

INVOICE

INVOICE NO.	DATE
382131	10/17/1998

WELL/LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
IMS #2-36	SEWARD	KS	GAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL		SHOWN BELOW	10/17/1998
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
46969	SHANE SUMMERS		
			SHIPPED VIA
			COMPANY TRUCK
			FILE NO.
			47588

OIL PRODUCERS INC. OF KANSAS  
BOX B647  
WICHITA, KS 67208

CONSERVATION DIVISION  
Wichita, Kansas

JAN 27 1999

RECEIVED  
STATE CORPORATION COMMISSION

DIRECT CORRESPONDENCE TO:  
P.O. BOX 1598  
LIBERAL KS 67901

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	DRILLING AREA - MID CONTINENT				
	JOB PURPOSE - CEMENT PRODUCTION CASING				
000-117	MILEAGE CEMENTING ROUND TRIP	24 MI		3.65	87.60
		1 UNT			
000-119	MILEAGE FOR CREW	24 MI		2.15	51.60
		1 UNT			
001-016	CEMENTING CASING	2800 FT		1,798.00	1,798.00
		1 UNT			
045-050	COMPUPAC SYSTEM W/HALLIBURTON	1 JOB		760.00	760.00
		1 DAY			
350	HALLIBURTON WELD-A-AL FILLED	1 EA		18.43	18.43
890.10802					
030-016	CEMENTING PLUG SW ALUM TOP	4 1/2 IN		50.00	50.00
		1 EA			
12A	GUIDE SHOE - 4 1/2" BRD THG.	1 EA		105.00	105.00
825.201					
24A	INSERT FLOAT VALVE - 4 1/2" BRD	1 EA		110.00	110.00
815.19101					
27	FILL-UP UNIT 4 1/2"-5"	1 EA		60.00	60.00
815.19111					
40	CENTRALIZER 4-1/2 X 7-7/8	5 EA		59.00	295.00
806.60004					
001-018	CEMENTING CASING - ADD HRS	2 HR		376.00	N/C
		1 UNT			
504-050	CEMENT - PREMIUM PLUS	125 SK		15.69	1,961.25
504-282	MIDCON-2 PREMIUM PLUS CEMENT	300 SK		18.48	5,544.00
509-406	ANHYDROUS CALCIUM CHLORIDE	6 SK		46.90	281.40
509-968	SALT	1021 LB		.18	183.78
507-775	HALAD-322	56 LB		7.70	431.20
507-210	FLOCELE	81 LB		2.09	169.29
508-127	CAL SEAL 60	5 SK		28.00	140.00
508-291	GILSONITE BULK	500 LB		.58	290.00
507-970	D-AIR 1, POWDER	25 LB		4.27	106.75

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

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



INVOICE

**HALLIBURTON ENERGY SERVICES**  
A Division of Halliburton Company

INVOICE NO.	DATE
382131	10/17/1998

WELL/LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
IMS #2-36	SEWARD	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL		SHOWN BELOW	10/17/1998		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
46989	SHANE SUMMERS			COMPANY TRUCK	47588

DIRECT CORRESPONDENCE TO:

OIL PRODUCERS INC. OF KANSAS  
BOX 8647  
WICHITA, KS 67208

P.O. BOX 1598  
LIBERAL KS 67901

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
500-207	BULK SERVICE CHARGE	472	GFT	1.66	783.52 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	524.892	TMI	1.25	656.12 *
JOB PURPOSE SUBTOTAL					13,882.94
INVOICE SUBTOTAL					13,882.94
DISCOUNT-(BID)					4,506.84-
INVOICE BID AMOUNT					9,376.10
*-KANSAS STATE SALES TAX					377.99
*-LIBERAL CITY SALES TAX					77.03
*-SEWARD COUNTY SALES TAX					115.53
<b>INVOICE TOTAL - PLEASE PAY THIS AMOUNT</b>					<b>9,946.04</b>

RECEIVED  
STATE CORPORATION COMMISSION  
JAN 27 1999  
CONSERVATION DIVISION  
Wichita, Kansas

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.



HALLIBURTON ENERGY SERVICES

1908-Q

CHARGE TO:

OIL PRODUCERS INC. OF KANSAS

ADDRESS

Box 8647

CITY, STATE, ZIP CODE

WICHITA, K.S. 67208

TICKET

No.

382131 - 2

ORIGINAL

PAGE 1 OF 2

1. SERVICE LOCATIONS LIBERAC K.S.	WELL/PROJECT NO. #2-36	LEASE SIMS	COUNTY/PARISH SEWARD	STATE K.S.	CITY/OFFSHORE LOCATION KISMET	DATE 10-17-98	OWNER SAME
2. HUGOTON K.S.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR VAL	RIG NAME/NO. #2	SHIPPED VIA HES	DELIVERED TO LOCATION	ORDER NO.
3.	WELL TYPE 02	WELL CATEGORY 01	JOB PURPOSE 035	WELL PERMIT NO.	WELL LOCATION KISMET		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
			LOC	ACCT	DF		U/M	U/M	PRICE			
	000-117		1		30	MILEAGE PUMP TRUCK	1	UN	24	WT	3.65	87.60
	000-119		1		30	CREW MILEAGE	1	UN	24	WT	2.15	51.60
	001-016		1		30	PUMP CHANGE	4	HR	2800	FT.		1798.00
	045-050		1		75	PORTABLE DATA SYSTEM	PER DAY		PER JOB			760.00
	350	890.10802	1		30	WELD - A	1	EA.	1	LB		18.43
	030-016		1		30	5 WIPER TOP PLUG	1	EA.	4 1/2	IN		50.00
	12A	825.201	1		30	GUIDE SHOE RECEIVED	1	EA.				105.00
	24A	815.19101	1		30	INSERT FLOAT	1	EA.				110.00
	27	815.19111	1		30	FILL TUBE JAN 27	1	EA.				60.00
	40	806.60004	1		30	CENTRALIZERS INSERVATION DIV. Wichita, Kansas	5	EA.			59.00	295.00
	001-018		1		100	ADDITIONAL HOURS	PER HR		2	EA.	376.00	752.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions of the well log which includes, but are not limited to, PAYMENT FOR THE SERVICE, INCLUDING WARRANTY conditions.

X. DATE OF WELL LOG: 10-17-98 TIME OF WELL LOG: 5:52

A.M.  P.M.

do  do not require IPC (Instrument Protection).  Not offered

TYPE LOCK	SUB SURFACE SAFETY VALVE WAS:		PAGE TOTAL 4007	
BEAN SIZE	<input type="checkbox"/> PULLED & RETURN	<input type="checkbox"/> PULLED <input type="checkbox"/> RUN		FROM CONTINUATION PAGE(S) 10511
DEPTH	TYPE OF EQUALIZING SUB.	CASING PRESSURE		
SPACERS	TUBING SIZE	TUBING PRESSURE WELL DEPTH		
	TREE CONNECTION	TYPE VALVE	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) Steve Summers	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X [Signature]	HALLIBURTON OPERATOR/ENGINEER STERLING RAINES 113377	EMP #	HALLIBURTON APPROVAL [Signature]
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# ORIGINAL

## TICKET CONTINUATION

TICKET No. **382131**



HALLIBURTON ENERGY SERVICES

CUSTOMER Oil Producers of Kansas

LL  
MS 236

10:33 PM  
10/16/98

PAGE 2 OF 2

TRUCK# (S)	PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING LOC	ACCT	OF	DESCRIPTION	QTY	UNIT	QTY	UNIT	UNIT PRICE	AMOUNT
	504-050					Premium Plus	125	sk			\$15.69	\$1,961.25
	504-282					Premium Plus Midcon	300	sk			\$18.48	\$5,544.00
	509-406					Calcium Chloride	6	sk			\$46.90	\$281.40
	509-968					Salt	1021	lb.			\$0.18	\$183.78
	507-775					HALAD-322	56	lb.			\$7.70	\$431.20
	507-210					Flocele	81	lb.			\$2.09	\$169.29
	508-127					Cal Seal	5	sk			\$28.00	\$140.00
	508-291					Gilsohite	500	lb.			\$0.58	\$290.00
	507-970					D-AIR-1	25	lb.			\$4.27	\$106.75
	500-207					SERVICE CHARGE			472		1.06	\$483.52
	500-306					MILEAGE CHARGE					1.25	\$656.12
						TOTAL WEIGHT	43,741		24			
						LOADED MILES			524.892			
						TON MILES						

RECEIVED  
STATE CONSERVATION COMMISSION  
JAN 27 1999  
CONSERVATION DIVISION  
Wichita, Kansas

CONTINUATION TOTAL \$ 10,517.31



ORIGINAL

**JOB SUMMARY**

ORDER NO. 70006

TICKET #	382131	TICKET DATE	10-17-98
REGION	North America	NWA/COUNTRY	U.S.A.
MBU ID / EMP #	MCL10105 H3377	EMPLOYEE NAME	STERLING RAINES
LOCATION	LIBERAL KS	COMPANY	OIL PRODUCERS
TICKET AMOUNT	1501094	WELL TYPE	02
WELL LOCATION	KISMET	DEPARTMENT	ZONAL
LEASE / WELL #	SIMS # 2-36	SEC / TWP / RING	36-32S-32W
BDA / STATE	KANSAS	CUSTOMER REP / PHONE	SHANE SUMMERS
PSL DEPARTMENT	ZONAL	API / UWI #	
JOB PURPOSE CODE	035		

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
S. RAINES H3377 10			
S. GRANT H4639 10			
G. HUMPHRIES H9692 10			
S. OWENS J2208 10			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420041	24						
53552-78202	24						
52938-77031	24						
53336-6611	24						

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

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
10-17-98	2:00		4:25	12:39	13:36

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe W/F	1	HARCO
Guide Shoe	1	
Centralizers	5	
Bottom Plug		
Top Plug	1	
Head	1	
Packer		
Other WELD-A	1+8	

**WELL DATA**

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing USED	10.5	4 1/2	0	2800	
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	
				4 1/2 LONG STAINC
TOTAL		TOTAL		

**HYDRAULIC HORSEPOWER**

ORDERED	Avail.	Used
TREATED	AVERAGE RATES IN BPM	
	Disp.	Overa'
FEET	CEMENT LEFT IN PIPE	
39.10	Reason SHOC JOINT	

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	300	MIDCON PPC	BULK	2% CG 1/4# FLOCLE	3.22	11.1
	100	PP (C)	BULK	5% GA-2 18% SALT, 5% GILSONITE 6/10% HALAD. 3% 1/4# D.AIN	1.55	14.8

Circulating Breakdown	Displacement Maximum	Preflush: Gal	10	Ty-	
Average	Frac Gradient	Load & Bkdn: Gal	BB1	Pa	Gal 45.27
Shut In: Instant	5 Min	Treatment Gal	BB1	Dist	Gal
	15 Min	Cement Slurr Gal	BB1		
		Total Volume Gal	BB1		

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_  
 THE INFORMATION STATED HEREIN IS CORRECT  
 CUSTOMER'S REPRESENTATIVE SIGNATURE \_\_\_\_\_





## JOB LOG

ORDER NO. 70006

TICKET # **382131**

TICKET DATE **10-17-98**

REGION North America	NW/COUNTRY U.S.A.	BDA / STATE KANSAS	COUNTY SEWARD
MBU ID / EMP # MCL10105 H3377	EMPLOYEE NAME STERLING RAINES	PSL DEPARTMENT ZONAL	
LOCATION LIBERAL KS.	COMPANY OIL PRODUCERS	CUSTOMER REP / PHONE SHANE SUMMERS	
TICKET AMOUNT 15010.94	WELL TYPE DZ	API / UWI #	
WELL LOCATION KISMET	DEPARTMENT ZONAL	JOB PURPOSE CODE 035	
LEASE / WELL # SIMS # 2-36	SEC / TWP / RANG 36-32S-32W		

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
S. RAINES H3377	10						
S. GRANT H4639	10						
S. HUMPHRIES H9692	10						
S. OWENS J2208	10						

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS (psi)	JOB DESCRIPTION / REMARKS
				ET	CT		
	4:25						ON LOCATION
	5:15						SAFETY MEETING
	10:00						RUN CASING INTO HOLE
	11:16						DROPPED BALL
	11:40						HOOKED UP IRON TO RIG PUMPS
	11:42						300 CIRCULATE HOLE
	12:35						HOOKED UP IRON TO HALLIBURTON PUMPS
	12:39						START JOB
	12:40	15	75				2000 PRESSURE TEST LINES
	12:41						SHUT DOWN. RELEASE P.S.I.
	12:42	2	10				120 PUMP H2O AHEAD
	13:48	6	172.04				70 DUMP LEAD CEMENT AT 11.1 gpm
	13:12	5	27.60				140 PUMP TAIL CEMENT AT 14.8 gpm
	13:22						SHUT DOWN WASH UP PUMP + LINES
	13:23						DROP PLUG
	13:24	6	73.27				550 START DISPLACEMENT
	13:30	2	10				570 LAND PLUG
	13:35	2	1				1200 BUMP PLUG SHUT DOWN
	13:36						RELEASE P.S.I. FLOAT HELD
							JOB COMPLETE

CIRCULATED 76 SACK TO PIT

THANK YOU FOR CALLING  
HALLIBURTON  
STERLING RAINES  
SAM GRANT & CREW

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OIL PRODUCERS INC., OF KS.  
INITIAL COMPLETION REPORT

WELL - SIMS #2-36

LEGAL - C-E/2-SW/4 OF 36-32s-32w IN SEWARD CO. KS.

API# - 15-175-21,763

G.L. - 1774'

K.B. - 5' ABOVE G.L. @ 1779'

SURFACE CSN - 8 5/8" @ 538' WITH 325 SX.

RTD - 2750'

LTD - 2744' (ELI 10/16/98)

PRODUCTION CSN - 4 1/2", 10.5# @ 2749' WITH 300 SX MID CON AND 100 SX EA-2

PBTD - 2704' (ELI WIRELINE 10/19/98), EZSV RETAINER @ 2690'.

TOP OF CEMENT CIRCULATED TO SURFACE.

PERFORATIONS -  
 HERINGTON-----2568'-2574' 1 SHOT/FT. 10/21/98  
 KRIDER-----2601'-2606' 1 SHOT/FT. 10/21/98  
 KRIDER-----2634'-2640' 1 SHOT/FT. 10/21/98  
 KRIDER-----2653'-2658' 1 SHOT/FT. 10/21/98  
 WINFIELD-----2696'-2702' 2 SHOT/FT. 10/20/98 SQZ'D W/200 SX. UNDER PLUG

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TUBING RAN - 15' MA, SN, 84 JTS. 2 3/8" (2656.00')

TUBING SET @ - 2675.10' (SET 12' OFF BOTTOM 10/27/98)

AVERAGE TBG JT. - 31.62

PUMP RAN - 2" X 1 1/2" X 12' RWTC WITH 6' GAS ANCHOR.

RODS RAN - PUMP, 2', 105 - 3/4" RODS, 2', 1 1/4" X 16' P.R.

PUMP SET @ - 2660.10'

PUMPING UNIT - NATIONAL 57, 44" STROKE, S.N. - 23776

MOTOR - 10 HP ELECTRIC.

SURFACE EQUIPMENT - 16' X 6' 200 BBL FIBERGLASS WATER TANK. CLOSED TOP  
 UNION 30" X 10' VERTICAL SEPARATOR, 125# WP, MANUAL DUMP.  
 2" METER RUN, METER WITH HOUSE.

ORIGINAL

10/19/98

ELI WIRELINE ON LOCATION TO RUN CORRELATION & SONIC CEMENT BOND LOG.  
FOUND TTL DEPTH - 2704' (THIS IS 27' HIGH TO TOP OF INSERT @ 2721')  
FOUND TOP OF CEMENT - SURFACE. WITH EXCELLENT CEMENT BONDING ACROSS PAY ZONES.

10/20/98

COMANCHE WELL SERVICE ON LOCATION, RIGGED UP D-D POLE UNIT.  
SWAB WELL DOWN TO 2200' FROM SURFACE.

ELI WIRELINE ON LOCATION TO PERFORATE PROPOSED INTERVAL IN WINFIELD ZONE.  
PERFORATED WINFIELD - 2696'-2702'. WITH 2 SHOTS/FT.  
FOUND TTL DEPTH - 2702'.

COMANCHE SWABBED WELL DOWN TO TOTAL DEPTH.  
1/2 HR. NATURAL TEST - RECOVERED 50' WATER WITH NO SHOW OF GAS.

HALLIBURTON ON LOCATION TO ACIDIZE WINFIELD PERFS WITH 750 GALS 15% DSFE ACID.

ACIDIZE WINFIELD PERFS AS FOLLOWS:

PUMP 750 GALS 15% DSFE ACID.  
LOAD HOLE WITH FIELD BRINE  
PRESSURED TO 2200 psi BROKE BACK.  
DISPLACED 100 GALS ACID @ 4.5 BPM @ 522 psi.  
DISPLACED 650 GALS ACID @ 6 BPM - 400 psi TO 320 psi.  
ISIP - 100 psi., VAC - < 1 MINUTE.  
TTL LOAD - 61 BBLs.

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COMANCHE RIGGED TO SWAB BACK ACID LOAD AND TEST WINFIELD AFTER ACID

TEST WINFIELD AFTER ACID AS FOLLOWS:

FOUND FLUID LEVEL @ 50' FROM SURFACE.  
SWAB WELL DOWN & RECOVERED 46.4 BBLs. VERY SLIGHT SHOW OF GAS.  
1/2 HR. TEST - RECOVERED 100' WATER WITH VERY SLIGHT SHOW OF GAS.

ELI ON LOCATION TO SET HALLIBURTON EZSV CEMENT RETAINER.  
SET HALLIBURTON EZSV RETAINER @ - 2690'.

COMANCHE RIGGED TO RUN STINGER FOR EZSV AND TUBING.  
RIH - WITH STINGER AND TUBING. STING INTO EZSV @ 2690'.

HALLIBURTON ON LOCATION TO SQUEEZE WINFIELD PERFS 2696' - 2702' WITH 200 SX CLASS-H CEMENT TO MINIMIZE RISK OF WATER ENCROACHMENT TO HERINGTON AND KRIDER FORMATIONS.

SQUEEZE WINFIELD PERFORATIONS AS FOLLOWS:

ESTABLISH INJECTION RATE @ 2 1/4 BPM - 400 psi.  
MIX & PUMP 200 SX CLASS-H CEMENT.  
DISPLACE CEMENT @ 1 1/2 BPM - 400 psi TO 1400 psi.  
STING OUT OF EZSV RETAINER & REVERSE CIRCULATE CLEAN.  
SHUT DOWN FOR THE NIGHT.

10/21/98

COMANCHE WELL SERVICE ON LOCATION. POOH - WITH TUBING AND STINGER.

10/21 CONT.

COMANCHE SWABBED WELL DOWN TO 2200' FROM SURFACE.

ELI WIRELINE ON LOCATION TO PERFORATE PROPOSED INTERVALS IN HERINGTON AND KRIDER FORMATIONS.

PERFORATED HERINGTON 2568'-2574' WITH 1 SHOT/FT.  
PERFORATED KRIDER 2601'-2606' WITH 1 SHOT/FT.  
PERFORATED KRIDER 2634'-2640' WITH 1 SHOT/FT.  
PERFORATED KRIDER 2653'-2658' WITH 1 SHOT/FT.  
FOUND TOTAL DEPTH - 2690'.

COMANCHE SWABBED WELL DOWN TO TTL DEPTH.  
½ HR. NATURAL TEST - RECOVERED NO FLUID OR GAS.

HALLIBURTON ON LOCATION TO ACIDIZE HERINGTON AND KRIDER PERFORATIONS WITH 1500 GALS 15% DSFE ACID AND 40 BALL SEALERS.

ACIDIZE HERINGTON AND KRIDER PERFS AS FOLLOWS:

PUMP 500 GALS 15% DSFE ACID.  
 PUMP 1000 GALS 15% DSFE ACID WITH 1 BALL SEALER/25 GALS. (40 BALLS)  
 LOAD HOLE WITH 7 BBLs FIELD BRINE.  
 PRESSURED TO 250 psi & BROKE BACK.  
 DISPLACED 500 GALS ACID @ 5 BPM - 0 psi.  
 DISPLACED 500 GALS ACID WITH BALLS @ 5 BPM - 0 psi TO 1700 psi. (BALLED OFF)  
ISIP - VAC. TOTAL LOAD - 67 BBLs.

COMANCHE RIGGED TO SWAB BACK ACID LOAD AND TEST HERINGTON AND KRIDER PERFS AFTER ACID.

TEST HERINGTON AND KRIDER PERFS AFTER ACID AS FOLLOWS:

FOUND FL LEV @ 50' FROM SURFACE.  
 SWAB WELL DOWN, RECOVERED 45.24 BBLs WITH SHOW OF GAS.  
½ HR. TEST - RECOVERED 3.48 BBLs, MEASURED GAS @ 59 MCFPD.  
½ HR. TEST - RECOVERED 2.32 BBLs, MEASURED GAS @ 100 MCFPD.  
½ HR. TEST - RECOVERED 1.16 BBLs, MEASURED GAS @ 144 MCFPD.  
½ HR. TEST - RECOVERED 0.00 BBLs, MEASURED GAS @ 336 MCFPD.  
½ HR. TEST - RECOVERED 0.50 BBLs, MEASURED GAS @ 546 MCFPD.  
 SHUT DOWN FOR THE NIGHT.

10/22/98

SICP - 375 psi, SBHP - CALCULATES 407 psi. (FIGURING NO FLUID.)  
 BLEW WELL DOWN, WELL KICKED OFF FLOWING.

HALLIBURTON ON LOCATION TO FRACTURE HERINGTON AND KRIDER PERFORATIONS WITH 22,100 GALS 70% N2 FOAM AND 31,000# 16/30 SAND.

FRACTURE HERINGTON AND KRIDER AS FOLLOWS:

PUMP 6500 GALS 70% N2 FOAM PAD AND ESTABLISH INJECTION RATE @ 15.7 BPM - 1094 psi.  
 PUMP 1000# 16/30 SAND @ .5 PPG (2000 GALS) @ 15.8 BPM - 1092 psi.  
 PUMP 3000# 16/30 SAND @ 1 PPG (3000 GALS) @ 16 BPM - 1069 psi.  
 PUMP 6000# 16/30 SAND @ 2 PPG (3000 GALS) @ 17 BPM - 1000 psi.  
 PUMP 9000# 16/30 SAND @ 3 PPG (3000 GALS) @ 17.4 BPM - 940 psi.  
 PUMP 12,000# 16/30 SAND @ 4 PPG (3000 GALS) @ 17.9 BPM - 987 psi.  
 PUMP 1600 GALS 70% N2 FOAM DISPLACEMENT @ 15.6 BPM - 1195 psi.

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ISIP - 1100 psi, 5 MIN SIP - 934 psi, 10 MIN SIP - 899 psi, 15 MIN SIP - 856 psi.  
10/22 CONT.

LEFT WELL SHUT IN FOR 2 HRS. RIGGED TO BLOW BACK N2 FRAC VIA 3/4" CHOKE NIPPLE.

**FLOW TEST HERINGTON AND KRIDER AFTER FRAC AS FOLLOWS:**

OPEN WELL UP VIA 3/4" CHOKE NIPPLE, CSN PRESSURE 640 psi.  
 FLOW 1 HR. THROUGH 3/4" CHOKE NIPPLE, FCP - 60 psi. OPEN WELL UP THROUGH 2" LINE.  
 FLOW 1 1/2 HRS TO PIT UNLOADING FLUID AND SAND.  
1/2 HR. FLOW TEST - RECOVERED 9.28 BBLs, MEASURED GAS @ 1421 MCFPD.  
1/2 HR. FLOW TEST - RECOVERED 5.80 BBLs, MEASURED GAS @ 1700 MCFPD.  
1/2 HR. FLOW TEST - RECOVERED 2.32 BBLs, MEASURED GAS @ 1836 MCFPD.  
1/2 HR. FLOW TEST - RECOVERED 3.48 BBLs, MEASURED GAS @ 1871 MCFPD.  
 SHUT WELL IN FOR THE NIGHT.

10/23/98

SICP - 380 psi, SBHP - CALCULATES 412 psi (ASSUMING NO FLUID FILL-UP)  
 OPEN WELL UP TO FLOW TEST WELL.

**CONTINUE FLOW TESTING WELL AFTER FRAC AS FOLLOWS:**

1 HR. FLOW TO PIT - BLOW WELL DOWN.  
1/2 HR. FLOW TEST - RECOVERED 3.42 BBLs, MEASURED GAS @ 2196 MCFPD.  
1/2 HR. FLOW TEST - RECOVERED 1.16 BBLs, MEASURED GAS @ 2022 MCFPD.  
1/2 HR. FLOW TEST - RECOVERED 1.16 BBLs, MEASURED GAS @ 1980 MCFPD.  
1/2 HR. FLOW TEST - RECOVERED 2.32 BBLs, MEASURED GAS @ 1980 MCFPD.  
1/2 HR. FLOW TEST - RECOVERED 2.32 BBLs, MEASURED GAS @ 1911 MCFPD.  
 SHUT WELL IN FOR THE WEEKEND.

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10/26/98

SICP - 380 psi.  
 HALLIBURTON ON LOCATION WITH KILL TRUCK. PUMP 50 BBLs TREATED WATER TO KEEP WELL QUIET.  
 COMANCHE RIGGED UP SAND PUMP. SAND PUMPING HAVING TROUBLE WITH PUMP STICKING.  
 WELL KICKED OFF FLOWING TWICE REQUIRING HALLIBURTON TO PUMP MORE TREATED WATER.  
 ATTEMPTED TO UN IN HOLE WITH TUBING, FINDING SAND FILL-UP TO 2653'.  
 POOH WITH TUBING. ORDER OUT DIFFERENT SAND PUMP.  
 SHUT DOWN FOR THE NIGHT.

10/27/98

SICP - 380 psi.  
 NICHOLS ON LOCATION WITH HIGH PRESSURE WATER TRUCK. PUMPED 50 BBLs TREATED WATER TO KEEP WELL QUIET.  
 COMANCHE RIGGED UP REPLACEMENT SAND PUMP.  
 CLEAN OUT WELL BORE OF REMAINDER FRAC SAND AND BALL SEALERS.  
 RIG DOWN SAND PUMP.

RIG UP TO RUN PRODUCTION TUBING.

**RAN TUBING AS FOLLOWS:**

MUD ANCHOR X 2 3/8"	15.00'
SEATING NIPPLE X 2 3/8"	1.10'
84 JTS. USED TESTED AND DRIFTED 2 3/8" TUBING	2656.00'
K.B. (5' < 2' ABOVE G.L.)	3.00'
<u>TUBING SET @</u>	<u>2675.10'</u>

ORIGINAL

SEATING NIPPLE SET @ 2660.10'  
10/27 CONT.

TAGGED TOTAL DEPTH @ 2687' (BY TBG TALLY) PICK UP & SET TBG 12' OFF BOTTOM.

RIGGED TO RUN BOTTOM HOLE PUMP AND INSPECTED 3/4" RODS.

RAN BOTTOM HOLE PUMP AND RODS AS FOLLOWS:

2" X 1 1/2" X 12' RWTC WITH 6' GAS ANCHOR	14.00'
2' X 3/4" ROD SUB	2.00'
105 - 3/4" INSPECTED RODS	2625.00'
2' X 3/4" ROD SUB	2.00'
1 1/4" X 16' POLISHED ROD	16.00'
<u>PUMP SET @</u>	2660.10'

CLAMPED RODS OFF. COMANCHE RIGGED DOWN & MOVED OFF LOCATION.

10/28 THRU 10/30/98

GABEL LEASE SERVICE ON LOCATION, LAID 2" POLY GAS LINE TO EAST AND TIED INTO MAIN GAS LINE.

HOOKEED UP WELL HEAD AND LAID 2" PVC WATER LINE FROM WELL TO SOUTH AND TIED INTO 200 BBL FIBERGLASS CLOSED TOP WATER TANK.

HOOKEED UP VERTICAL SEPARATOR.

HOOKEED UP METER RUN AND METER.

PUT WELL IN SERVICE 10/30/98

END OF REPORT

BRAD SIROKY

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