

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

Operator: License # 7873 **ORIGINAL**  
Name: Ricks Exploration, Inc.  
Address 5600 No. May, #350  
Oklahoma City, OK 73112  
City/State/Zip Oklahoma City, OK 73112  
Purchaser: N/A  
Operator Contact Person: Lynne Suchy  
Phone (405) 8409099  
Contractor: Name: Murfin Drilling Co., Inc.  
License: 30606  
Wellsite Geologist: Greg Wilson

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:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. \_\_\_\_\_  
12/3/97 12/16/97 P&A 1/27/98  
Spud Date Date Reached TD Completion Date

API NO. 15- 071-206770000  
County Greeley plugged 1/28/98  
SW-SE-SE Sec. 14 Twp. 16 Rge. 42 X W  
445 Feet from S (circle one) Line of Section  
1176 Feet from E (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE NW or SW (circle one)  
Lease Name Carnes Well # 14A  
Field Name Wildcat  
Producing Formation Morrow  
Elevation: Ground 3791' KB 3800'  
Total Depth 5472' PBTD 5100' CIBP  
Amount of Surface Pipe Set and Cemented at 358' KB Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 358  
feet depth to surf w/ 225 sx cmt.  
Drilling Fluid Management Plan P&A, 5-12-98 U.C.  
(Data must be collected from the Reserve Pit)  
Chloride content 45000 ppm Fluid volume 3000 bbls  
Dewatering method used evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
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, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Lynne Suchy  
Title Drilling Oper. Asstnt Date 2/5/98  
Subscribed and sworn to before me this 9th day of February,  
19 98.  
Notary Public Diane Edwards  
Date Commission Expires 4-24-01

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

Operator Name Ricks Exploration, Inc. Lease Name CARNES Well # 14A

Sec. 14 Twp. 16S Rge. 42  East County Greeley  
 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

List All E.Logs Run: Dual Ind Laterolog.  
 Long Spaced Sonic  
 Dual Spaced Neutron

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
Surf Csg	12 1/2"	8-5/8"	24#	358'	KB PremPOZ	225	2%CC
Prod Csg	7-7/8"	5 1/2"	15.50#	5445'	1st stg	255	9%Versaset
					Cls C		
					2nd stg	175	2%CC
					Cls H		

ADDITIONAL CEMENTING/SQUEEZE RECORD Cls C 50

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	4982-88'	Cls H	30	

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	5120-5222'	CIBP @5100'	3000gal 15% NEFE	5120-5222'
4	4982-88'	Cmt Ret @4977'	500gal 15% NEFE HCL	4982-88'
	4967-70'		250gal 15% NEFE HCL	4967-70'
	Well P&A			

<b>TUBING RECORD</b>		Size <u>2-7/8"</u>	Set At <u>Pulled</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. <u>N/A</u>			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> <b>DRY</b> Other (Explain)		
Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled

(If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

To: 1 080173 1-28  
STATE CORPORATION COMMISSION  
Wichita State Office Bldg. - PLUGGING SECTION  
130 S. Market, Room 2078  
Wichita, KS 67202

API NUMBER 15- 071-20,677-0000  
445' FSL & 1176' FEL  
SW SE SE, SEC. 14, T 16 S, R 42 WXX  
445 feet from S section line  
1176 feet from E section line

TECHNICIAN'S PLUGGING REPORT  
Operator License / 7873  
Operator: Ricks Exploration Company  
Name & Address: 5600 N. May Ave., Ste. 350  
Oklahoma City, OK 73112

Lease Name Carnes Well # 14A  
County Greeley 177.84  
Well Total Depth 5472 feet  
Conductor Pipe: Size \_\_\_\_\_ feet  
Surface Casing: Size 8 5/8 feet 358

Abandoned Oil Well  Gas Well \_\_\_\_\_ Input Well \_\_\_\_\_ SWD Well \_\_\_\_\_ O&A \_\_\_\_\_  
Other well as hereinafter indicated \_\_\_\_\_

Plugging Contractor Allied Cementing License Number \_\_\_\_\_  
Address \_\_\_\_\_

Company to plug at: Hour: 9 a.m. Day: 28 Month: 1 Year: 19 98

Plugging proposal received from Butch Heck  
(company name) Ricks Exploration Company (phone) 800-960-9099

Perfs: 5 1/2" at 5445' w/225 sx cement, PBD 5403', DV @ 1856' w/225 sx cement  
Perfs at 5120-5222, CIBP at 5100' w/20' cement, cement retainer at 4977' w/30 sx cement,  
Perfs at 4982-88, 4967-70'

1st plug pump 200 lbs. hulls and 25 sx cement with 100 lbs. hulls mixed in, 20 sx gel,  
and 215 sx cement. Check backside.

Plugging Proposal Received by Kevin Strube  
(TECHNICIAN)

Plugging Operations attended by Agent?: All  Part \_\_\_\_\_ None \_\_\_\_\_

Operations Completed: Hour: 10 a.m. Day: 28 Month: 1 Year: 19 98

ACTUAL PLUGGING REPORT 1st plug pumped 200 lbs. hulls, 25 sx cement with 100 lbs. hulls  
mixed in, 20 sx gel, and 215 sx cement. Maximum pressure 1000 psi and shut in 750 psi.  
Pressured up 8 5/8" X 5 1/2" annulus to 500#.

Remarks: Used 60/40 Pozmix 6% gel by Allied. No casing recovery.

**INVOICED**

DATE 2-9-98  
NV. NO. 50041

Signed Kevin P. Strube  
(TECHNICIAN)



HALLIBURTON ENERGY SERVICES

1906-0

CHARGE TO:  
*Licks Exploration*

ADDRESS

CITY, STATE, ZIP CODE

ORIGINAL - DUNCAH COPY

TICKET

No. 232022 - X

PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>025540</i>	WELL PROJECT NO. <i>14-17</i>	LEASE <i>Carnes</i>	COUNTY/PARISH <i>Greeley</i>	STATE <i>ks.</i>	CITY/OFFSHORE LOCATION <i>Tribune</i>	DATE <i>12-4-97</i>	OWNER <i>Some</i>
2. <i>025575</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>Martin</i>	RIG NAME/NO. <i>21</i>	SHIPPED VIA <i>Muxo</i>	DELIVERED TO <i>Location.</i>	ORDER NO.
3.	WELL TYPE <i>02</i>	WELL CATEGORY <i>01</i>	JOB PURPOSE <i>010</i>	WELL PERMIT NO.	WELL LOCATION <i>Land</i>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
			LOG	ACCT	DF			U/M			
	<i>000-117</i>				<i>25</i>	MILEAGE	<i>350</i>	<i>mi</i>	<i>3</i>	<i>20</i>	<i>1120</i> <sup>00</sup>
	<i>000-119</i>					<i>crew mileage</i>	<i>350</i>	<i>mi</i>	<i>1</i>	<i>55</i>	<i>682</i> <sup>50</sup>
	<i>001-016</i>					<i>pump charge</i>	<i>350</i>	<i>hr</i>	<i>6</i>		<i>748</i> <sup>00</sup>
	<i>030-018</i>					<i>TOP PLUG</i>	<i>1</i>	<i>Eq</i>	<i>878</i>	<i>17</i>	<i>143</i> <sup>00</sup>
	<i>12A</i>	<i>825.217</i>			<i>30</i>	<i>Guide shoe</i>	<i>1</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>216</i> <sup>00</sup>
	<i>24A</i>	<i>815.19502</i>				<i>Insert Float</i>	<i>1</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>188</i> <sup>00</sup>
	<i>27</i>	<i>815.19415</i>				<i>Fill Tube</i>	<i>1</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>70</i> <sup>00</sup>
	<i>41</i>	<i>806.61048</i>			<i>51</i>	<i>centralizers</i>	<i>3</i>	<i>Eq</i>	<i>68</i>	<sup>00</sup>	<i>204</i> <sup>00</sup>
	<i>66</i>	<i>806.72750</i>			<i>30</i>	<i>Fqs GRB</i>	<i>1</i>	<i>Eq</i>	<i>"</i>	<i>"</i>	<i>23</i> <sup>50</sup>
	<i>3.50</i>	<i>890.10802</i>			<i>30</i>	<i>Weld R</i>	<i>1</i>	<i>Fo</i>	<i>1</i>	<i>16</i>	<i>16</i> <sup>75</sup>
	<i>001-018</i>					<i>100 Additional hrs.</i>	<i>1</i>	<i>hr</i>	<i>Eq</i>	<i>291</i>	<i>291</i> <sup>00</sup>
	<i>045-05D</i>					<i>85 Data Acquisition System</i>	<i>1</i>	<i>Job</i>			<i>6600</i> <sup>00</sup>

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.

DATE SIGNED: *Joe DeLong* TIME SIGNED:  A.M.  P.M.

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

TYPE LOCK	SUB SURFACE SAFETY VALVE WAS:			PAGE TOTAL
BEAR SIZE	<input type="checkbox"/> PULLED & RETURN	<input type="checkbox"/> PULLED	<input type="checkbox"/> RUN	<i>4362</i> <sup>75</sup>
DEPTH	TYPE OF EQUALIZING SUB.	CASING PRESSURE		FROM CONTINUATION PAGE(S)
SPACERS	TUBING SIZE	TUBING PRESSURE	WELL DEPTH	<i>5390</i> <sup>96</sup>
	TREE CONNECTION	TYPE VALVE		<i>9753</i> <sup>171</sup>
				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE
				<i>6622</i> <sup>31</sup>

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 DeLong*

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): *Joe DeLong*

HALLIBURTON OPERATOR/ENGINEER: *Dave Davis* EMP # *F4550*

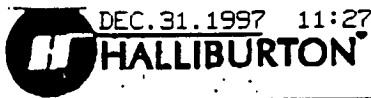
HALLIBURTON APPROVAL: *Larry Smith* \*

NO. 943 P.2

HALLIBURTON ENERGY LIBERAL

DEC. 31. 1997 11:26AM





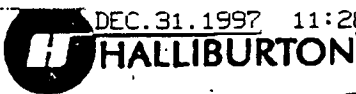
JOB LOG 4230-6

REGION North America	NWACOUNTRY USA	TICKET # 232022	TICKET DATE 12-4-97
MBU ID / EMP # 170103 F4550	EMPLOYEE NAME Tyece Davis	SDA / STATE K1	COUNTY Greene
LOCATION Liberal	COMPANY Ricki Exp.	FGL DEPARTMENT Cmt	CUSTOMER REF / PHONE
TICKET AMOUNT	WELL TYPE 02	API / UMI #	JOB PURPOSE CODE 010
WELL LOCATION Lend	DEPARTMENT Cmt		
LEASE / WELL # Carnes 14A	SEC / TWP / RNG 14-16-42		

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

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESS. (psig)		JOB DESCRIPTION / REMARKS
				T	C	T <sub>bg</sub>	C <sub>sg</sub>	
12-3-97	2000							Called out for job.
	030							on loc. R14 0112.
	0300							Start SBOP
	0350							out of hole w/d. l
	0400							Start 8 3/8 CSB. & F.E.
	0510							CSB. on BOT. Hook up 8 3/8 PC. & CTR. EXH.
	0530							brk cirt. 21R12.
	0532							<u>cirt to pit</u> ✓
	0600							Thru. cirt. Hook EXH to pit.
	0603	6.0	53			50		PUMP 22532 pt 10 14.8 42.1
	0617	0	53			0		Shut down DTP Plug.
	0618	6.0	19.5			30		PUMP DISP
	0620	6.0	19.5			40		12 bbls in cont to pit
	0621	2.0	19.5			40		13 bbls in sm rate
	0624	2.0	19.5			5000		Load Plug.
	0625	0	19.5			4000		Release Float - Held.
	0630							Job over
								Thank for calling Halliburton.
								Tyece Ed- Pen.

ORIGINAL



**JOB SUMMARY**

TICKET #	NO. 943	P. 5
232022		12-4-97
BDA / STATE	ks	COUNTY
		Grealey
PSL DEPARTMENT	CMT	
CUSTOMER REP / PHONE		
API / UWI #		
JOB PURPOSE CODE	010	

REGION	North America	NWA/COUNTRY	USA
MBU ID / EMP #	LJ0103 F4550	EMPLOYEE NAME	Tyce Davis
LOCATION	Liberal	COMPANY	RICKS EXP
TICKET AMOUNT		WELL TYPE	A2
WELL LOCATION	Land	DEPARTMENT	CMT
LEASE / WELL #	Carnes 148	SEC / TWP / RNG	14-16-42

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
E. McDonald	14285						
P. Hamilton	63090						

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
54038-75374	350						
420042 P.V.	350						
52276-7649	120						

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

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float-Gollar Insert 8 7/8	1	H
Float-Shoe Fris	1	
Guide Shoe 2 1/2	1	0
Centralizers 3/4	3	
Bottom Plug		W
Top Plug 5w	1	
Head P-V	1	C
Packer		
Other Lamp	1	0

**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		
Other		
Other		

DATE	CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
12-4-97	2000	12-4-97	0600	0630

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	24	8 7/8	KB	350	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

ORIGINAL

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				CMT
				8 3/4
				58
<b>TOTAL</b>		<b>TOTAL</b>		

**HYDRAULIC HORSEPOWER**

ORDERED \_\_\_\_\_ Avail. \_\_\_\_\_ Used \_\_\_\_\_

TREATED \_\_\_\_\_ **AVERAGE RATES IN BPM** \_\_\_\_\_ Overall \_\_\_\_\_

FEET 43 **CEMENT LEFT IN PIPE** \_\_\_\_\_ Reason S.T

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	225	P4	B	2% CC 14 # F10	1.32	14.8

Circulating	Displacement	Preflush:	Gal - BBI	Type
Breakdown	Maximum	Load & Bkdn:	Gal - BBI	Pad: BBI - Gal
Average	Frac Gradient	Treatment	Gal - BBI	Disp: (BBI) Gal 29.5
Shut In: Instant	5 Min _____ 15 Min _____	Cement Slurr	Gal - BBI	53
		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: \_\_\_\_\_



HALLIBURTON ENERGY SERVICES

1909 Q

CHARGE TO: RICKS EXPLORATION  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE & ZIP CODE: \_\_\_\_\_

ORIGINAL - DUNCAN COPY

TICKET

No. 234318 - 7

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>025540 LIBERAL</u>	WELL/PROJECT NO. <u>14-A</u>	LEASE <u>CARNES</u>	COUNTY/PARISH <u>GREELEY</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION <u>N. TRIBUNE</u>	DATE <u>12-17-97</u>	OWNER <u>SAME</u>
2. <u>025535 HUGOTON</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>MURFIN DRIG # 21</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>WELL SITE</u>	ORDER NO.
3.	WELL TYPE <u>02</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>035' 2 STAGE 5/2 LONG SPRING</u>	WELL PERMIT NO.	WELL LOCATION <u>SEC 14-16-S-42W</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
			LOG	ACCT	DF			U/M		U/M	
035	000-117		1		25	MILEAGE	336	MI		3.20	1075.20
	000-119		1			CREW MILEAGE	336	MI		1.95	655.20
	007-013	001-016	1			PUMP CHARGE (1ST STAGE)	5451	FT	6	118	2184.00
	007-161		1			PUMP CHARGE (2ND STAGE)	1	WU	6	118	1705.00
	018-317		1			SUPER FLUSH	10	SKS	1	EA	112.00
	5A	837.07100	1		30	SSIT FLOAT SHOE	1	EA	5/2	IN	248.00
	4A	836.07100	1		30	SSIT FLOAT COLLAR	1	EA	5/2	IN	278.00
	40	806.60022	1		51	GENTRINIZER	8	EA	5/2	IN	67.00
	71	813.56325	1		10	MISC TYPE P CEMENTER	1	EA	5/2	IN	2695.00
	75	813.16510	1		10	PLUG SET	1	EA	5/2	IN	506.00
	350	890.10802	1		30	WELD A	1	EA	1	EA	16.75
	320	806.71430	1		30	BASKET	1	EA	5/2	IN	116.00

ORIGINAL

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.				TYPE LOCK	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN			PAGE TOTAL	11135.15	
DATE SIGNED: <u>12-17-97</u> TIME SIGNED: _____ <input type="checkbox"/> A.M. <input type="checkbox"/> P.M.				BEAN SIZE	TYPE OF EQUALIZING SUB.		CASING PRESSURE		FROM CONTINUATION PAGE(S)	13958.80
				DEPTH	TUBING SIZE	TUBING PRESSURE	WELL DEPTH			
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered				SPACERS	TREE CONNECTION	TYPE VALVE		SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	19127.91	

**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)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
	<u>J. DeLong</u>	<u>J. Woodman</u>	<u>62573</u>	<u>Larry Smith *</u>

NO. 943 P. 6 DEC. 31. 1997 11:28AM HALLIBURTON ENERGY LIBERAL





### Halliburton Energy Services

ORIGINAL

DATE:12-16-1997      TIME:12:52:40      SERVICE TICKET: 239318

HUGOTON-25535      BULK TICKET ONLY: 800821

JOB PURPOSE:LONG STRING  
COMPANY TRUCK::77031 7649      DRIVER: C.Ashley D.Hamilton

CUSTOMER: Ricks Exploration      LEASE & WELL#:Carnes 14-A

504-282	MIDCON CEMENT PREMIUM PLUS	175	SKS.	17.06	2985.50
504-043	PREMIUM CEMENT	255	SKS.	13.70	3493.50
504-050	PREMIUM PLUS CEMENT	75	SKS.	14.01	1050.75
507-665	HALAD-9	120	LBS.	9.75	1170.00
508-002	KCL	750	LBS.	0.41	307.50
507-210	FLOCELE	127	LBS.	1.90	241.30
509-406	CALCIUM CHLORIDE	5	SKS.	46.90	234.50
508-095	VERSASET	216	LBS.	4.40	950.40
500-207	SERVICE CHARGES	533	CU FT	1.55	826.15
				TOTAL	11259.60
500-306	WEIGHT: 49718	MILES: 92	TON MILES: 2287.03	1.18	2698.70
			TOTAL BOOK PRICE OF BULK TICKET:		\$13958.30

2570

500-225 RETURN SERVICE CHARGES \_\_\_\_\_ 20% COST OF RET. MATERIALS  
1.55

500-306 WEIGHT: \_\_\_\_\_ RETURN MILES: 92 TON MILES: \_\_\_\_\_ 1.18



**JOB SUMMARY**

REGION North America	NW/COUNTRY Mid CONTINENT	BDA / STATE KS.	TICKET # 234318	TICKET DATE 12-17-97
WBU ID / EMP # L104 62573	EMPLOYEE NAME JOHN WOODROW	PSL DEPARTMENT CEMENT	COUNTY GRELLEY	
LOCATION LIBERAL, KS	COMPANY RICKS EXPLORATION	CUSTOMER REP / PHONE JOE DELONG 580-571-7873	JOB PURPOSE CODE 035' 2 STAGE 5 1/2 L-5.	
TICKET AMOUNT	WELL TYPE 01	API / UWI #		
WELL LOCATION N. TRIBUNE	DEPARTMENT CEMENT			
LEASE / WELL # EARNES 14A	SEC / TWP / RING 14-16S-42W			

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)
G HUMPHRIS 149697			
C. ASHLEY 44061			
D. HAMILTON G 3090			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
51984/77031							
52276/7649							

ORIGINAL

Form Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type D.V. TOOL Set At 1850  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Misc. Data \_\_\_\_\_ Total Depth \_\_\_\_\_

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar <u>5 1/2</u>	1	H
Float Shoe <u>5 1/2</u>	1	
Guide Shoe		0
Centralizers <u>5.4</u>	8	
Bottom Plug		W
Top Plug		
Head		C
Packer <u>DV TOOL</u>	1	
Other <u>BASKET</u>		0

**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 _____	In _____
Perpac Balls _____	Qty. _____	
Other _____		
Other _____		
Other _____		
Other _____		

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
12-16-97	1200	12-16-97	12-16-97	12-17-97
			2252	0215

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	15.5	5 1/2	K13	5443	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				SEE JOB LOG
TOTAL		TOTAL		

**HYDRAULIC HORSEPOWER**

ORDERED	Avail.	Used
TREATED	AVERAGE RATES IN BPM	Overall
FEET	CEMENT LEFT IN PIPE	Reason

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	255	Premium	A	2% VERSISET 5% KCL 5% HMA 1-9 1/4 FLOCCEL	1.41	14.5
2	175	pt mid conc	B	2% CC 1/4 FLOCCEL	3.22	11.1
	50	pt	B			

Circulating _____	Displacement _____	Preflush: Gal - <u>BB1</u> 10	Type <u>SUPER FLUSH</u>
Breakdown _____	Maximum _____	Load & Bkdn: Gal - <u>BB1</u>	Pad: <u>BB1</u> Gal
Average _____	Frac Gradient _____	Treatment Gal - <u>BB1</u>	Disp ( <u>BB1</u> ) Gal <u>129</u>
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal - <u>BB1</u> 1st SEC 64	2nd SEC 28.5
		Total Volume Gal - <u>BB1</u>	

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_

THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER'S REPRESENTATIVE SIGNATURE Joe DeLong

**JOB LOG 4236-5**

REGION <b>North America</b>	NW/COUNTRY <b>MID CONTINENT</b>	SDA / STATE <b>OK</b>	COUNTY <b>GREELY</b>
WBU ID / EMP # <b>L2104 62573</b>	EMPLOYEE NAME <b>T. W. WILSON</b>	PSL DEPARTMENT <b>CEMENT</b>	
LOCATION <b>LIBERN, KS</b>	COMPANY <b>RICKS EXPLORATION</b>	CUSTOMER REP / PHONE <b>FOR DE:ONS 510-71-7873</b>	
TICKET AMOUNT	WELL TYPE <b>O.I.</b>	API / LMI #	
WELL LOCATION <b>N. TRIPLEX</b>	DEPARTMENT <b>CEMENT</b>	JOB PURPOSE CODE <b>035-2 STAGE 5/2 L-5</b>	
LEASE / WELL # <b>CARNS 14A</b>	SEC / TWP / RING <b>14. 1. 25. 1. 8</b>		

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
G. Hildreth 15.25			
S. ASHLEY			
D. WILSON			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (PSI)		JOB DESCRIPTION / REMARKS
				T	C	T05	C30	
	1900							JOB READY
	1300							CALLED OUT FOR JOB
	1830							PUMP TRUCK + BULK CEMENT ON LOCATION RIG HAS DRILL PIPE LAY'D DOWN / RIG UP TO RUN 5/2 CSG / SET UP PUMP TRUCK
	1930							START RUNNING 5/2 CSG + FLOAT EQUIP PLACE D.V. TOOL ON #84 ST 1850'
	2105							ORIGINAL
	2210							
	2220							
	2245							
	2252	5			✓			1ST STAGE JOB PROCEDURE PUMP 5 BBL FRESH WATER SPACER
	2253	10			✓			PUMP 10 BBL SUPER FLUSH
	2255	5			✓			PUMP 5 BBL FRESH WATER SPACER
	2257	640			✓			MIX 25SKS CEMENT AT 14.5 <sup>49</sup> /CAL THROUGH MIXING CMT / SHUT DOWN / WASH OUT PUMP + LINES / RELEASE SHUT OFF PLUG
	6-7	90			✓		0/100	START DISPLACING WITH 90 BBL FRESH WATER
		40			✓			DISPLACE LAST 40 BBL WITH MUD
	1130	130			-		55/1300	PLUG DOWN / RELEASE FLOAT FLOAT HELD!
	1140							DROP D.V. TOOL OPENING DEVICE
	1150						0/650	OPEN D.V. TOOL / ESTABLISH CIRCULATION HOOK UP TO RIG / PUMP + CIRCULATE
	0134	5						2ND STAGE JOB PROCEDURE START MIXING 25 SKS CMT TO PLUG R-11 + M-11 HOOK UP TO 5/2 CSG
	0138	100			✓		0/1200	START MIXING LEAD CMT AT 11.8 <sup>49</sup> /CAL 175
		12			✓		100	MIX 50 SKS TAIL CMT AT 14.8 <sup>49</sup> /CAL
		117			✓		0	THROUGH MIXING CMT / SHUT DOWN
	0205							RELEASE CLOSING PLUG / START DISPLACING HAVE 30 BBL OLD - HAVE CMT RETURNS TO SURFACE
	0215	44.0			✓		1150	PLUG DOWN / CLOSE D.V. TOOL (CIRCULATED 14 BBL 29SKS) THANK YOU WOOLLY & CRY

# ALLIED CEMENTING CO., INC. 8735

Federal Tax I.D.# 48-0727860

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

ORIGINAL

SERVICE POINT:  
BAILEY

DATE <u>1-28-99</u>	SEC. <u>14</u>	TWP. <u>16S</u>	RANGE <u>#2W</u>	CALLED OUT	ON LOCATION <u>8:30 AM</u>	JOB START <u>9:00 AM</u>	JOB FINISH <u>10:00 AM</u>
LEASE <u>CARNES</u>		WELL # <u>14-A</u>		LOCATION <u>TRUSS 12N-9W N.1/4</u>		COUNTY <u>CRENSHAW</u>	STATE <u>KS</u>
<input checked="" type="radio"/> OLD OR NEW (Circle one)							

CONTRACTOR J. W. Gibson

TYPE OF JOB OLD HOLE

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_

CASING SIZE 5 1/2" DEPTH 4976'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. 4976'

DISPLACEMENT \_\_\_\_\_

OWNER SAME

CEMENT

AMOUNT ORDERED 325 SKS 60/100/12 68 GEL  
20 SKS 68L 500' HULLS  
1180 240 SKS 60/100/12 68 GEL 205 SKS 68L 300' HULLS

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER TERRY

# 300 HELPER WAYNE

BULK TRUCK

# 303 DRIVER ANDREW

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

TOTAL \_\_\_\_\_

**REMARKS:**

MEYER 200' HULLS FOLLOWED BY 255 SKS  
CEMENT WITH 100' HULLS 205 SKS 68L  
+ 215 SKS CEMENT, PRESSURE TO 800  
PSI, HOLD & SHUT IN.

HOOKED ON BACKSIDE & PRESSURE TO  
500 PSI.

THANK YOU

**SERVICE**

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

PLUG \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 3237.00

CHARGE TO: HECKE EXHAUSTION, INC.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

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 \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE B. Gibson

PRINTED NAME

02-85-98 09:48P P.02



**HALLIBURTON ENERGY SERVICES**  
HAL 1008-P

CHANGE TO  
**REVENUE EXPLORATION**  
 ADDRESS  
**5600 N. MAY STE. 350**  
 CITY STATE ZIP CODE  
**OKLAHOMA CITY, OK 73112**

ORIGINAL - DUNCAN COPY TICKET

No. 196818 - [ ]

PAGE 1 OF 2

SERVICE LOCATIONS 1. <b>HAYS, KS</b>	WELL/PROJECT NO <b>14-B</b>	LEASE <b>CARNES</b>	COUNTY PARISH <b>CREELEY</b>	STATE <b>KS</b>	CITY OFFSHORE LOCATION	DATE <b>1-23-98</b>	OWNER <b>SAME</b>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <b>JW GIBSON w/SERVICE</b>	RIG NAME NO	SHIPPED VIA <b>53293</b>	DELIVERED TO <b>LOCATION</b>	ORDER NO
3.	WELL TYPE <b>01</b>	WELL CATEGORY <b>01</b>	JOB PURPOSE <b>015</b>	WELL PERMIT NO <b>21A</b>	WELL LOCATION <b>14-1bs = 420</b>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	OF		U/M	U/M	PRICE		
000-117		1			MILEAGE	336	mi	1	3.65	1226.4
000-119		1			CREW MILEAGE	336	mi	1	2.15	722.4
009-134	009-019	1			PUMP SERVICE	4988	FT	6	2363.00	2363.00
128-54b		1			SQUEEZE MANIFOLD	1			342.00	342.00
94	80.343 80.310	1			E2 DRILL SV SQUEEZE PACKER	4997	FT	5	114.40	1144.00
128-401		1			STAR WIDE ASSEMBLY	1			121.00	121.00
128-451		1			WIRELINE ADAPTOR KIT	1			83.00	83.00

**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.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

SUB SURFACE SAFETY VALVE WAS <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		<b>SURVEY</b>		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <b>600/13</b>
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					FROM CONTINUATION PAGE(S) <b>1261</b>
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?				
FREE CONNECTION	TYPE VALVE		ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <b>7263</b>
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered		<input type="checkbox"/> CUSTOMER D-D 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) <b>BJTCH WICK</b>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>X Bjtch Wick</i>	HALLIBURTON OPERATOR/ENGINEER <b>WAYNE WILSON</b>	EMP # <b>89277</b>	HALLIBURTON APPROVAL
--	---	--	-----------------------	----------------------

FAX NO.: 1 913 625 2536

FROM: HES HAYS





**JOB LOG** 4230-5

TICKET #

196219

TICKET DATE

1-22-98

REGION North America	NWA/COUNTRY MEXICO	BDA/STATE KANSAS	COUNTY Greeley
MBU ID / EMP # NAWOL 89377	EMPLOYEE NAME W. X. LINDEN	PSL DEPARTMENT CEMENT	
LOCATION HAYES	COMPANY HES EXPLORATION	CUSTOMER REP / PHONE BUTCH WICK 405-620-4765	
TICKET AMOUNT 7081.05	WELL TYPE OIL	API / UWI # N/A	
WELL LOCATION 3000 W. 13 <sup>th</sup> , 101 <sup>st</sup> N.	DEPARTMENT CEMENT	JOB PURPOSE CODE OTC	
LEASE / WELL # CDAKS 14-2	SEC / TWP / RANG 14 - 11S - 42W		

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
W. LINDEN 89377			
D. FALK 30762			
D. HAMILTON 63090			

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESS. (PSI)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0830							CALLER OUT
	1230							ON LOCATION - DISCUSS JOB PROCEEDURE
	1245							ELECTRIC TRUCK SET E25J @ 4977 RW STAGWIRE ASSY IN WELL
1	1450	4	43		✓	500		PSI ANALYSIS - SHUT IN
	1500	1	25		✓	1700		INJECTION RATE
	1512	1 1/2	5.7		✓	1200		MIX 30 SLS CEMENT - PUMP & TURNING
	1515							WASH OUT PUMP - LEAKS
	1518	1 3/4	0		✓	1100		START DISPLACEMENT
	1529	1 1/2	24		✓	300		DECREASE RATE
	1532	1/2	25 1/2		✓	1500		1 1/2 BBL CMT 2 <sup>nd</sup> ZONE - MAX PSI - SHUT DOWN (8 SLS CMT OUT)
	1541							RELEASE PSI - HELL
	1543				✓	1000		PSI UP ANALYSIS
	1543							PULL OUT OF E25J - PSI DROP
	1546	3	35		✓	500		REVERSE OUT
								RIG DOWN
								PULL TURNING - WAIT FOR STAGWIRE ASSY
								WASH UP TRUCK - BACK UP
	1730							JOB COMPLETE
	1800							DISCUSS AGAIN JOB - LEAVE LOCATION

THANK YOU

WALJE BISTY DAWNY

ORIGINAL