

ORIGINAL

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

API NO. 15- 175-21797-0000  
County Seward  
SW SE NW Sec. 18 Twp. 33S Rge. 31 X E

Operator: License # 04782

2495 Feet from S (N) (circle one) Line of Section

Name: Ensign Operating Co.

1658 Feet from E (U) (circle one) Line of Section

Address P. O. Box 2161

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

City/State/Zip Liberal, KS. 67905-2161

Lease Name Dudrey Well # 2-18

Purchaser: Duke Energy

Field Name Kismet

Operator Contact Person: Wes Willimon

Producing Formation Chase

Phone (316) 626-8131

Elevation: Ground 2734' KB 2744'

Contractor: Name: Cheyenne Drlg., Inc.

Total Depth 2850' PBDT 2802'

License: 5382

Amount of Surface Pipe Set and Cemented at 639 Feet

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion  
X New Well Re-Entry Workover

Log show depth set \_\_\_\_\_ Feet

Oil SWD SLOW Temp Abd.  
X Gas ENHR SIGW  
Dry Other (Core, WSW, Expl., Cathodic, etc)

Intermediate II completion, cement circulated from \_\_\_\_\_

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

If Workover/Re-Entry: old well info as follows:

Drilling Fluid Management Plan Act 1 4/5/01 AB  
(Data must be collected from the Reserve Pit)

Operator: \_\_\_\_\_

Chloride content 15,000 ppm Fluid volume 0 bbls

Well Name: \_\_\_\_\_

Dewatering method used Hauled To Disposal per KCC  
Instructions.

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Deepening Re-perf. Conv. to Inj/SWD  
Plug Back PBDT  
Commingled Docket No. \_\_\_\_\_  
Dual Completion Docket No. \_\_\_\_\_  
Other (SWD or Inj?) Docket No. \_\_\_\_\_

05/26/2000 05/29/2000 06/23/2000  
Spud Date Date Reached TD Completion Date

Operator Name West Sun Set Disposal

Lease Name Roeher #2 License No. 32462

Quarter 36 Sec. 36 Twp. 34 S Rng. 36 E U

County Stevens Docket No. E-25-363

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 Wes Willimon

Title Production Supt. Date 09/19/2000

Subscribed and sworn to before me this 19th day of Sept. 2000.

Notary Public William L. Waldorf

Date Commission Expires Sept. 19th, 2002

MOTARY PUBLIC - State of Kansas  
WILLIAM L. WALDORF  
My Appt. Exp. 09-19-2002

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)

Operator Name: Ensign Operating Co. Lease Name: Dudrey Well # 2-18  
 Sec. 18 Twp. 33S Rge. 31  East County: Seward  West

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run:

See attached CBL, GR Next Log

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 Herrington 2528'  
 Winfield 2656'

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
Used: Surface	12 1/4"	8-5/8"	25#	2639'	50/50 Lite Class H	180 125	2% CC & 1/4# / Sx. Flocele
New: Production	7-7/8"	4 1/2"	10.5#	2850'	Prem + Lite Class H	240 160	2% CC, 1/4# / Sx. Flocele

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
1 JSPF	2536, 2538, 2540, 2542, & 2544'	Az w/ 1125 Gal. of 7.5% MCA Acid containing 30 Gal. Morflo III, 2 Gal. HC2, & 2 Gal. HAI81.
1 JSPF	2570, 2572, 2574, 2576, 2578, 2580, 2582, 2584, 2586, & 2588'	(SEE ATTACHED FRAC DATA)

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2-3/8"	2535.49'	NA				
Date of First, Resumed Production, SWD or Inj.			Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
06/23/2000								
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		0		379		2	NA	

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_  
 Production Interval: 2536 - 2588'

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**06/08/00 OPERATIONS @ 7:00 A.M. RTD 2850', LTD 2802'. PERFS: UPPER KRIDER 2536', 2538', 2540', 2542' & 2544'. HERRINGTON PERFS 2570', 2572', 2574', 2576', 2578', 2580', 2582', 2584', 2586' & 2588'. FTP 10 PSI, SICP 185 PSI FLOW TEST TO FRAC TANK 32/48" CK.**

**ORIGINAL  
KCC**

**WORK DONE 06/07/00 (DAY 4) 14 HR SITP 130 PSI, SICP 195 PSI. HES ACID FRAC HERRINGTON & UPPER KRIDER PERFS THRU 2-3/8" TBG & DOWN TBG/CSG ANNULUS AS FOLLOWS.**

SEP 19 2000

**CONFIDENTIAL**

- 1) P 20,000 GALS (10,000 GALS) 28% GELLED ACID COMINGLED W/ 50 QUALITY FOAM. FLUID RATE 5 BPM, N2 RATE 2480 SCFM, MTP 1080 PSIG, ATP 1010 PSIG, AIR 10 BPM.
- 2) P 4000 GALS 2% KCL FLUSH COMINGLED W/ 50 QUALITY FOAM. FLUID RATE 5 BPM, N2 RATE 2400 SCF/M, MTP 1050 PSIG, ATP 1020 PSIG, AIR 10 BPM. ISIP 780 PSIG, 15 MIN 650 PSIG, 30 MIN 630 PSIG, 45 MIN 620 PSIG, 60 MIN 570 PSIG.
- 3) LEFT WELL SI FOR 60 MIN TO ALLOW FRACTURE TO CLOSE. SICP & SITP 570 PSIG AFTER 60 MIN SI.
- 4) P 5600 GALS (2800 GALS) 28% GELLED ACID COMINGLED W/ 50 QUALITY FOAM. FLUID RATE 1.3 BPM, N2 RATE 600 SCF/M. MTP 613 PSIG, ATP 550 PSIG, AIR 2 BPM.

RELEASED

DEC 17 2001

FROM CONFIDENTIAL

ENSIGN OPERATING CO  
DUDREY # 2-18  
2495 FNL - 1658' FEL  
SEC 18 - T33S - R31W  
SEWARD COUNTY, KS

CL: 2734' KB: 2744'  
PTD: 2850'  
CONTRACTOR: CHEYENNE DRLG RIG # 1

AFE NUMBER: 00D009  
API NUMBER: 175-217970000

DRILLING REPORT

**06/07/00(CONT).**

P 3000 GALS 2% KCL WTR(1000 GALS) COMINGLED W/ 75 QUALITY FOAM. FLUID RATE .7 BPM, N2 RATE 750 SCF/M, MTP 720 PSIG ATP 710 PSIG, AIR 2-BPM. ISIP 680 PSIG, 30 MIN SIP 617 PSIG. BAWTR 298, BLWTR 72, 191,000 SCF. INSTALL ADJUSTABLE CK. START FLOWING UP TBG THRU 32/48" CK TO SW TANK. RECOVERED 23 BLW & 5 BAW IN 3 HRS. 3 HR SICP 330 PSIG, FTP 100 PSIG. LEFT FLOWING TO FRAC TANK O/N. RECOVERED 49 BAW IN 13 HRS. 293 BAWTR.  
DC:\$35,700 CC:\$135,430

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ORIGINAL

DRILLER'S LOG

ENSIGN OPERATING, INC.  
DUDREY 2-18  
SECTION 18-T33S-R31W  
SEWARD COUNTY, KANSAS

KCC

SEP 19 2000

COMMENCED: 05-26-00  
COMPLETED: 05-29-00

RECEIVED

JUN 09 2000

ENSIGN OIL & GAS

CONFIDENTIAL

SURFACE CASING: 639' OF 8 5/8" CMTD  
W/185 SKS LITE + 2% CC + 1/4#/SK FLOCELE.  
TAILED IN W/125 SKS PREMIUM PLUS + 2%  
CC + 1/4#/SK FLOCELE.

FORMATION

DEPTH

SURFACE HOLE	0 - 650
SHALE & RED BED	650 - 1286
LIMESTONE & SHALE	1286 - 1960
RED BED & SHALE	1960 - 2455
LIMESTONE & SHALE	2455 - 2850 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

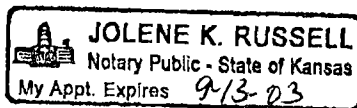
CHEYENNE DRILLING, INC.

WRAY VALENTINE

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 2ND DAY OF JUNE, 2000.

JOLENE K. RUSSELL

  
NOTARY PUBLIC

RELEASED

DEC 17 2001

FROM CONFIDENTIAL



HALLIBURTON  
CONFIDENTIAL

JOB, SU IARY 4239-1

REGION North America

MBU ID / EMP # 106270

LOCATION LIBERAL KANSAS

TICKET AMOUNT \$1,252.75

WELL LOCATION E. LIBERAL KANSAS

LEASE / WELL # DUDREY 2-18

INWA/COUNTRY ALMO CONT.

EMPLOYEE NAME ROBERT EDWOOD

COMPANY CHEYENNE DRILL

WELL TYPE 01

DEPARTMENT ZI

SEC / TWP / RNG 18 - 33 S. - 31 W.

TICKET # 62 436

TICKET DATE 5-27-2000

BDA / STATE KS

COUNTY SEWARD

PSL DEPARTMENT ZI ORIGINAL

CUSTOMER REP / PHONE BRUCE ESCUDERO 316-272-4846

API / UWI # 175-21796-0000

JOB PURPOSE CODE 010

SEP 19 2000

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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
R. Edwood 106270			
G. HUMPHRIES 106035			
R. MORSE 204458			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
480995 P.V.							
54038-77941							
54116-75821							

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 Collar		Hewlett
Float Shoe	1	
Guide Shoe	1	
Centralizers	3	
Bottom Plug	1	
Top Plug	1	
Head	1	
Packer	1	
Other		

**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	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
5-27-2000	02:00	02:30	06:48	07:20

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	24	8 5/8	123	639	
Liner						
Liner	RELEASED					
Tbg/D.P.						
Tbg/D.P.						
Open Hole	DEC 7, 2001		12 1/4	6.1	1030	SHOTS/FT.
Perforations	FROM CONFIDENTIAL					
Perforations	FROM CONFIDENTIAL					
Perforations	FROM CONFIDENTIAL					

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				2 1/2 SURFACE
<b>TOTAL</b>		<b>TOTAL</b>		

**HYDRAULIC HORSEPOWER**

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

**AVERAGE RATES IN BPM**

TREATED \_\_\_\_\_ Disp. \_\_\_\_\_ Overall \_\_\_\_\_

FEET 48.45 **CEMENT LEFT IN PIPE** Reason CEMENT

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	180	HCC C	B	2% CC, 1/4# flocc	2.06	12.3
	125	Perpac Plus	B	2% CC, 1/4# flocc	1.31	14.5

Circulating	Displacement	Preflush:	Gal - BBI	Type
Breakdown	Maximum	Load & Bkdn:	Gal - BBI	Pad: BBI - Gal
Average	Frac Gradient	Treatment	Gal - BBI	Disp: BBI - Gal 37.58
Shut In: Instant	5 Min 15 Min	Cement Slurr	Gal - BBI	
		Total Volume	Gal - BBI	

Frac Ring #1 | Frac Ring #2 | Frac Ring #3 | Frac Ring #4

CUSTOMER'S REPRESENTATIVE SIGNATURE

REGION <b>North America</b>	INW/COUNTRY <b>INDO Cont</b>	BDA / STATE <b>KANSAS</b>	COUNTY <b>SEWARD</b>
MBU ID / EMP # <b>106270</b>	EMPLOYEE NAME <b>ROBERT ELWOOD</b>	PSL DEPARTMENT <b>27</b>	
LOCATION <b>LIBERAL KS</b>	COMPANY <b>CHEYENNE Delq.</b>	CUSTOMER REP / PHONE <b>DRUCE ESCUDERO</b>	<b>KCC</b>
TICKET AMOUNT <b>5,252.75</b>	WELL TYPE <b>01</b>	API / UWI # <b>175-21796-0000</b>	<b>SEP 19 2000</b>
WELL LOCATION <b>E. LIBERAL KS</b>	DEPARTMENT <b>27</b>	JOB PURPOSE CODE <b>010</b>	<b>CONFIDENTIAL</b>
LEASE / WELL # <b>DUDREY 2-18</b>	SEC / TWP / RNG <b>18 33 S. 31 W.</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
R. ELWOOD 106270			
S. HAMPHRES 106085			
R. HISSER 204459			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psig)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	03:00							CALLED OUT READY 03:00
	03:30							ON LOC RIG SHORT TRIPPING
	04:30							START CSG
5:45								TRY TO CIRCULATE DOWN
	6:06							LAY DOWN 1 UT
	6:25							CASING ON BOTTOM
	6:30							Circulate w/ R.S
	6:48							HOOK TO HALLIBURTON
	6:50					2500		PRESSURE TEST LINES
	6:54	6.6	66					50 Pump LEAD Cmt @ 12.3#/gal
	7:04	6	30					100 Pump TAIL Cmt @ 14.8#/gal
	7:09							UNC SHUT DOWN.
	7:10							UNC Drop 5 WIPEL TOP PLUG
	7:10	4.5	37.5					UNC D.S.P.A.C.E. WASH PUMPS & LINES
	7:20					170		PLUG DOWN
	7:22					200		SHOT IN MANIFOLD & RELEASE BACK

RELEASED

DEC 17, 2001

FROM CONFIDENTIAL

Circulated 20 BBLs Cmt to PET

THANK YOU  
 ROBERT ELWOOD  
 &  
 CREW



Halliburton Energy Services, Inc.

*ABS  
2/10*

SOLD TO

ENSIGN OPERATING COMPANY  
1225 SEVENTEENTH STREET SUITE 1900  
DENVER CO 80202  
USA

SHIP TO **ORIGINAL** Page 1 of 6

WELL OPERATOR  
ENSIGN OPER. DUDREY 2-18, SEWARD  
LEASE NAME / OFFSHORE AREA  
DUDREY  
WELL NUMBER  
2-18  
WELL PERMIT NO.  
SEC18-33S-31W  
ADDRESS  
\*  
CITY, STATE, ZIP CODE  
LIBERAL KS 67901 US

TICKET TYPE	COMPANY CODE	HALLIBURTON ORDER NO.
Services	1100	649304
CUSTOMER P.O. NO.	JOB DATE	PRIMARY SERVICE LOC.
N/A	05/28/2000	Liberal, KS, USA

SALES OFFICE	WELL TYPE	WELL CATEGORY	RIG NAME / NO.
Mid-Continent BD	Oil	Development	ENSIGN OPERATING COMPANY

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
10	7523	PSL-CMT CEMENT PRODUCTION CASING-BOM Liberal, KS, USA Hwy 54 West JP035	1.00	JOB	0.00	0.00
20	1	MILEAGE FROM NEAREST HES BASE,/UNIT Liberal, KS, USA Hwy 54 West 000-117 With the following configuration: Number of Units	20	MI	4.05	81.00
			20	MI	1.62-	32.40-
			20	MI	2.43	48.60
30	2	MILEAGE FOR CEMENTING CREW,ZI Liberal, KS, USA Hwy 54 West 000-119 With the following configuration: Number of Units	20	MI	2.38	47.60
			20	MI	0.95-	19.04-
			20	MI	1.43	28.56

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SEP 19 2003  
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INVOICE INSTRUCTIONS	
PAYMENT TERMS	HALLIBURTON APPROVAL
Net due in 20 days	
HALLIBURTON OPERATOR / ENGINEER	CUSTOMER SIGNATURE

TOTAL FROM THIS PAGE	77.16
TOTAL FROM NEXT PAGE(S)	6,483.40
SUBTOTAL	6,560.56
TAXES	377.56
GRAND TOTAL	6,938.12
	US Dollars

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Halliburton Energy Services, Inc.

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ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
40	16091	CSG PUMPING,0-4 HRS,ZI				
		Liberal, KS, USA Hwy 54 West	1.00	EA	1,962.00	1,962.00
			1.00	EA	784.80-	784.80-
			1.00	EA	1,177.20	1,177.20
		001-016				
		CSG PUMPING,0-4 HRS,ZI				
		With the following configuration:				
		DEPTH	2,850			
		FEET/METRES (FT/M)		FT		
50	86954	FUEL SURCHG-CARS/PICKUPS <1 1/2 TON/PER/MI				
		Liberal, KS, USA Hwy 54 West	20	MI	0.08	1.60
		FUEL SURCHG-CARS/PICKUPS <1 1/2 TON/PER/MI				
		With the following configuration:				
		Number of Units	1	unit		
60	86955	FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI				
		Liberal, KS, USA Hwy 54 West	20	MI	0.24	4.80
		FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI				
		With the following configuration:				
		Number of Units	1	unit		
70	132	PORTABLE DAS,/DAY/JOB,ZI				
		Liberal, KS, USA Hwy 54 West	1.00	JOB	829.00	829.00
			1.00	JOB	331.60-	331.60-
			1.00	JOB	497.40	497.40
		045-050				
		With the following configuration:				
		NUMBER OF DAYS	1	Days		
80	7	ENVIRONMENTAL SURCHARGE,/JOB,ZI				
		Liberal, KS, USA Hwy 54 West	1.00	JOB	60.00	60.00
		000-150				
90	100003140	PLUG - CMTG - TOP ALUM - 4-1/2				
		Liberal, KS, USA Hwy 54 West	1.00	EA	53.15	53.15
			1.00	EA	21.26-	21.26-
			1.00	EA	31.89	31.89

FROM CONFIDENTIAL

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HALLIBURTON ORDER NO: 649304 Cont. ENSIGN OPERATING

ORIGINAL

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Halliburton Energy Services, Inc.

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
		402.1502 PLUG - CMTG - TOP ALUM - 4-1/2 9.5-15.1#				
100	100004722 Liberal, KS, USA Hwy 54 West	SHOE - GUIDE - 4-1/2 8RD	1.00	EA	146.00	146.00
			1.00	EA	58.40-	58.40-
			1.00	EA	87.60	87.60
		12A - 825.201 SHOE - GUIDE - 4-1/2 8RD				
110	100004698 Liberal, KS, USA Hwy 54 West	V ASSY,INSR FLOAT,4 1/2,8RD,10.5,15.1#	1.00	EA	199.00	199.00
			1.00	EA	79.60-	79.60-
			1.00	EA	119.40	119.40
		24A815.19101 VALVE ASSY - INSERT FLOAT - 4-1/2 8RD 10.5-15.1#				
120	100013930 Liberal, KS, USA Hwy 54 West	FILUP ASSY,1.250 ID,4 1/2,5 IN INSR	1.00	EA	60.00	60.00
			1.00	EA	24.00-	24.00-
			1.00	EA	36.00	36.00
		27815.19113 FILLUP ASSY - 1.250 ID - 4-1/2 - 5 IN. INSERT FLOAT VALVE				
140	100004638 Liberal, KS, USA Hwy 54 West	CLAMP-LIMIT-4 1/2-FRICT-W/DOGS	1.00	EA	17.65	17.65
			1.00	EA	7.06-	7.06-
			1.00	EA	10.59	10.59
		XXXXXXX 806.72720 CLAMP - LIMIT - 4-1/2 - FRICTION - W/DOGS				
150	100005045 Liberal, KS, USA Hwy 54 West	HALLIBURTON WELD-A KIT	1.00	EA	18.43	18.43
			1.00	EA	7.37-	7.37-
			1.00	EA	11.06	11.06

FROM CONFIDENTIAL

DEC 17, 2001

RELEASED

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Halliburton Energy Services, Inc.

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
		HALLIBURTON WELD-A KIT				
160	14239	SBM PREMIUM PLUS 50/50 POZ				
	Hugoton, KS, USA		240.00	SK	11.27	2,704.80
			240.00	SK	4.51-	1,081.92-
			240.00	SK	6.76	1,622.88
		504-132				
200	100012205	Cement- Class C / Premium (Bulk)				
	Hugoton, KS, USA		150.00	SK	16.68	2,502.00
			150.00	SK	6.67-	1,000.80-
			150.00	SK	10.01	1,501.20
		504-050516.00265				
		CEMENT - CLASS C - PREMIUM - BULK				
210	100005049	Chemical - Flocele (25 lb sk)				
	Hugoton, KS, USA		60.00	LB	2.22	133.20
			60.00	LB	0.89-	53.28-
			60.00	LB	1.33	79.92
		XXXXXXXX 890.50071				
		FLOCELE - 3/8 - 25 LB SACK				
220	100001585	CHEMICAL - KCL POTASSIUM CHLORIDE (50 #)				
	Liberal, KS, USA Hwy 54 West		100.00	LB	0.46	46.00
			100.00	LB	0.18-	18.40-
			100.00	LB	0.28	27.60
		70.15302				
		CHEMICAL - KCL POTASSIUM CHLORIDE -				
		50 LB SACK OR BAG				
230	87605	FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM				
	Hugoton, KS, USA		347.000	TNM	0.08	27.76
		FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM				
	With the following configuration:					
	NUMBER OF TONS		1.00	ton		

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ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
240	3965 Hugoton, KS, USA	HANDLE&DUMP SVC CHRGR, CMT&ADDITIVES,ZI	401.00	CF	1.76	705.76
			401.00	CF	0.70-	282.30-
			401.00	CF	1.06	423.46
			500-207			
	With the following configuration: NUMBER OF EACH		1 each			
250	3975 Hugoton, KS, USA	MILEAGE,CMTG MTLs DEL/RETURNED,ZI	347.0	TMI	1.39	482.33
			347.0	TMI	0.56-	192.93-
			347.0	TMI	0.83	289.40
			500-306			
	With the following configuration: NUMBER OF TONS		1.00 ton			
260	100004473 Liberal, KS, USA Hwy 54 West	CENTRALIZER ASSY - API - 4-1/2 CSG X	10.00	EA	59.00	590.00
			10.00	EA	23.60-	236.00-
			10.00	EA	35.40	354.00
			806.60004 CENTRALIZER ASSY - API - 4-1/2 CSG X 7-7/8 HOLE - HINGED - W/WELDED IMPERIAL BOWS			
270	100005053 Hugoton, KS, USA	Chemical - Calcium Chloride Hi Test Plt	4.00	SK	49.85	199.40
			4.00	SK	19.94-	79.76-
			4.00	SK	29.91	119.64
			509-406890.50812 CALCIUM CHLORIDE - HI TEST PELLETT - 94-97% CACL 2 - 80# BAG			

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ITEM	MATERIAL	DESCRIPTION	QTY	UNIT PRICE	AMOUNT
	LOCATION				
		INVOICE AMOUNT			6,560.56
		Sales Tax - State			290.37
		Sales Tax - County			27.92
		Sales Tax - City/Loc			59.27
		<b>INVOICE TOTAL</b>			<b>6,938.12</b>
					<b>US Dollars</b>

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Halliburton Energy Services, Inc.

SOLD TO

ENSIGN OPERATING COMPANY  
1225 SEVENTEENTH STREET SUITE 1900  
DENVER CO 80202  
USA

SHIP TO

WELL OPERATOR  
ENSIGN OPER. DUDREY 2-18, SEWARD  
LEASE NAME / OFFSHORE AREA  
DUDREY  
WELL NUMBER  
2-18  
WELL PERMIT NO.  
SEC18-33S-31W  
ADDRESS  
\*  
CITY, STATE, ZIP CODE  
LIBERAL KS 67901 US

ORIGINAL

TICKET TYPE	COMPANY CODE	HALLIBURTON ORDER NO.
Services	1100	649304
CUSTOMER P.O. NO.	JOB DATE	PRIMARY SERVICE LOC.
N/A	05/28/2000	Liberal, KS, USA

SALES OFFICE	WELL TYPE	WELL CATEGORY	RIG NAME / NO.
Mid-Continent BD	Oil	Development	ENSIGN OPERATING COMPANY

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
10	7523	PSL-CM CEMENT PRODUCTION CASING-BOM. Liberal, KS, USA Hwy 54 West JP035	1.00	JOB	0.00	0.00
20	1	MILEAGE FROM NEAREST HES BASE,/UNIT Liberal, KS, USA Hwy 54 West	20	MI	4.05	81.00
			20	MI	1.62	32.40
			20	MI	2.43	48.60
		000-117 With the following configuration: Number of Units	1	unit		
30	2	MILEAGE FOR CEMENTING CREW,ZI Liberal, KS, USA Hwy 54 West	20	MI	2.38	47.60
			20	MI	0.95	19.04
			20	MI	1.43	28.56
		000-119 With the following configuration: Number of Units	1	unit		

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INVOICE INSTRUCTIONS	HALLIBURTON APPROVAL
PAYMENT TERMS Net due in 20 days	CUSTOMER SIGNATURE <i>Michael O. Berg</i>
HALLIBURTON OPERATOR / ENGINEER <i>Nick Korbe</i>	

TOTAL FROM THIS PAGE	77.16
TOTAL FROM NEXT PAGE(S)	6,351.76
SUBTOTAL	6,428.92
TAXES	369.19
GRAND TOTAL	6,798.11
	US Dollars

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REGION <b>North America</b>	<b>CONFIDENTIAL</b>	NWA/COUNTRY <b>MidCast USA</b>	BDA / STATE <b>Ks</b>	COUNTY <b>Seward</b>
MBU ID / EMP # <b>106328</b>	EMPLOYEE NAME <b>Nick Korbe</b>	PSL DEPARTMENT <b>21</b>	<b>ORIGINAL</b>	
LOCATION <b>Liberal</b>	COMPANY <b>Ensign Operating</b>	CUSTOMER REP / PHONE <b>Dick Berg</b>	<b>KCC</b>	
TICKET AMOUNT <b>679811</b>	WELL TYPE <b>02</b>	API / UWI #	<b>SEP 19 2000</b>	
WELL LOCATION <b>12E 3N 1E of Liberal</b>	DEPARTMENT <b>Cement</b>	JOB PURPOSE CODE <b>035</b>	<b>CONFIDENTIAL</b>	
LEASE / WELL # <b>Dudrey 2-18</b>	SEC / TWP / RNG <b>18-38-31W</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
<b>N. Korbe 106328</b>	<b>9</b>						
<b>R. Ferguson 106254</b>	<b>9</b>						
<b>T. Brdway</b>	<b>9</b>						
<b>C. Garza 194445</b>	<b>8</b>						

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
<b>421270</b>	<b>40</b>						
<b>54219/28299</b>	<b>40</b>						
<b>52920/6612</b>	<b>110</b>						
<b>53326/6611</b>	<b>110</b>						

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 Collar <b>Insert</b>	<b>1</b>	<b>H</b>
Float Shoe <b>Split</b>	<b>1</b>	<b>O</b>
Guide Shoe <b>Reg</b>	<b>1</b>	<b>O</b>
Centralizers <b>S-4</b>	<b>10</b>	<b>W</b>
Bottom Plug		
Top Plug <b>S-W Top Alum</b>	<b>1</b>	<b>C</b>
Head <b>Easyrip</b>	<b>1</b>	<b>O</b>
Packer		
Other		

**MATERIALS**

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
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		

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
<b>5-29-00</b>	<b>0400</b>	<b>5-29-00</b>	<b>0630</b>	<b>5-29-00</b>	<b>1300</b>
				<b>1400</b>	

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	<b>N</b>	<b>10.5</b>	<b>4 1/2</b>	<b>0</b>	<b>2853</b>	<b>2500</b>
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						<b>SHOTS/FT.</b>
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
<b>5-29-00</b>	<b>9 hrs</b>	<b>5-29-00</b>	<b>1 hr</b>	<b>035</b>
<b>TOTAL</b>	<b>9 hrs</b>	<b>TOTAL</b>	<b>1 hrs</b>	

**HYDRAULIC HORSEPOWER**  
 ORDERED \_\_\_\_\_ Avail. \_\_\_\_\_ Used \_\_\_\_\_  
**AVERAGE RATES IN BPM**  
 TREATED \_\_\_\_\_ Disp. \_\_\_\_\_ Overall \_\_\_\_\_  
**CEMENT LEFT IN PIPE**  
 FEET **43'** Reason **sh jt**

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
<b>L</b>	<b>240</b>	<b>MidCast</b>	<b>B</b>	<b>2% CC, 4% Flocc</b>	<b>1.93</b>	<b>12.2</b>
<b>T</b>	<b>160</b>	<b>Premplur</b>	<b>B</b>	<b>Heat</b>	<b>1.34</b>	<b>14.8</b>

Circulating _____	Displacement _____	Preflush: Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment Gal - BBI _____	Disp: BBI - Gal <b>44.7</b>
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal - BBI <b>82/36</b>	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 \_\_\_\_\_

**CONFIDENTIAL** **JOB LOG** ORDER NO. 70008 **649304** **5-24-00**

REGION: North America **CONFIDENTIAL** NWA/COUNTRY: **MidEast USA** BDA / STATE: **Ks** COUNTY: **Seward**

MBU ID / EMP #: **MCL1010 106328** EMPLOYEE NAME: **Nick Korbe** PSL DEPARTMENT: **Z1**

LOCATION: **Liberal** COMPANY: **Ensign Operating** CUSTOMER REP / PHONE: **Dick Berg** ORIGINAL

TICKET AMOUNT: **\$6798.11** WELL TYPE: **#2** API / UWI #: **KCC**

WELL LOCATION: **12E, 2N of Liberal** DEPARTMENT: **Cement** JOB PURPOSE CODE: **035** SEP 19 2000

LEASE / WELL #: **Dudrey 2-18** SEC / TWP / RNG: **18-33S-31W** **CONFIDENTIAL**

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
N. Korbe 106328 9			
R. Ferguson 106154 9			
Calvin 194445 9			
T. Brown 8			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0900							called out
	0630							op loc Held safety mtg set up trks
	0830							st FE Break at 25 jts & wash down joint Finish up air csg Break circ
	1304							Test lines
	1322					2300		st KCL intr
	1325	2.5	0					st lead cnt 240 sks @ 12.2"
	1329	6	10/0					st Tail cnt 150 sks @ 14.8"
	1346	6	83/0					end cnt
	1353		36					wash pump & lines
	1355							rel plug
	1358							st disp
	1400	6	0			100		catch cnt
	1405	6	24			150		slow rate
	1407	2.5	35			325		Bump plug
	1411		45			500/1200		rel plug
	1412							flight held

RELEASED

DEC 17, 2001

FROM CONFIDENTIAL

Job complete  
Thank you  
Nick & crew



CONFIDENTIAL

HALLIBURTON

Work Order Contract

KCC

ORIGINAL

Halliburton Energy Services, Inc. Houston Texas 77056

Order Number SEP 9 2000

649304

70012 SAP

CONFIDENTIAL

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BELOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

Well No. 2-18	Farm or Lease Dadrey 2-	County Seward	State KS	Well Permit # RELEASED
Customer Ensign Operating	Well Owner Same	Job Purpose 035	DEC 17 2001	

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. (hereinafter "Halliburton").

B. PRICE AND PAYMENT - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. 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 the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.

C. RELEASE AND INDEMNITY - Customer agrees to RELEASE Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer. Customer also agrees to DEFEND, INDEMNIFY, AND HOLD Halliburton Group HARMLESS from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from:

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water; surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof; fire; explosion; subsurface pressure; radioactivity; and pollution and contamination and its cleanup and control.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations will apply even if the liability and claims are caused by the sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Halliburton Group, the unseaworthiness of any vessel or any defect in the data, products, supplies, materials or equipment furnished by any member or members of the Halliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect. "Halliburton Group" is defined as Halliburton Energy Services, Inc., its parent, subsidiary, and affiliated companies, insurers and subcontractors and all its/their officers, directors, employees, consultants and agents. Customer's RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations apply whether the personal injury, illness, death, property damage or loss is suffered by one or more members of the Halliburton Group, Customer, or any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halliburton Group as named additional insureds on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton Group. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents.

E. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship and materials for thirty (30) days from the date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. GOVERNING LAW - The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. DISPUTE RESOLUTION - Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules of the American Arbitration Association. The arbitration will take place in Houston, TX.

H. SEVERABILITY - If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.

I. MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 4100 Clinton Drive, Houston, TX. 77020.

I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED: [Signature] DATE: 5-29-00 TIME: 0800 A.M./P.M.

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 649304

[Signature] CUSTOMER Authorized Signatory

White-Office

Canary-Field Office

Pink-Customer

Green-Retain