

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

API NO. 15- 033-21082-0100

County Comanche
SURFACE LOCATION
NW NE NE Sec. 17 Twp. 31S Rge. 20 X E

Operator: License # 04782 **CONFIDENTIAL**

Name: Ensign Operating Co. **KCC**

Address P. O. Box 2161 **AUG 18 2000**

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

Purchaser: N/A

Operator Contact Person: BILL WALDORF
Wes William

Phone (316) 626-8131

Contractor: Name: Cheyenne Drlg., Inc.

License: #5382

Wellsite Geologist: Duane Moredock

Designate Type of Completion
 Nov Well Re-Entry Workover

Oil SWD SIOW **RELEASED**
 Gas ENHR SIGV
 Dry Other (Core, MSW, Expl., Cathodic, etc)

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

Operator: FROM CONFIDENTIAL

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. 195,486-C

04/22/2000 06/01/2000 06/12/2000
Spud Date Date Reached TD Completion Date

195 SURFACE Feet from S (circle one) Line of Section

1213 SURFACE Feet from P (circle one) Line of Section

BOTTOM HOLE LOCATION 4513.6 FNL 1917.5 FEL
Footages Calculated from Nearest Outside Section Corner:
 SE, NW or SW (circle one)

Lease Name Huck Well # 1-17H

Field Name Wildcat

Producing Formation Viola

Elevation: Ground 2105' KB 2120'

Total Depth 10,070' PBTD 10,070'

Amount of Surface Pipe Set and Cemented at 1250 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan ALT (8-7-01)
(Data must be collected from the Reserve Pit)

chloride content 1500 ppm Fluid volume 360 bbls

Dewatering method used Hauled Fluids

Location of fluid disposal if hauled offsite: _____

Operator Name Star Resources, LLC.

Lease Name Carrier, #20-9 License No. 32389

E3 Quarter Sec. 20 Twp. 32 S Rng. 18 **EX**

County Comanche Docket No. D-27668

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.

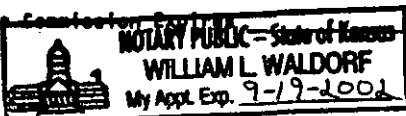
Signature Wes William

Title Production Supt. Date Aug. 18, 2000

Subscribed and sworn to before me this 18th day of August, 2000.

Notary Public William L. Waldorf

Date Commission Expires Sept. 19th, 2002



K.C.C. OFFICE USE ONLY
F YES 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.**

SIDE TWO

Lease Name **Huck**

Well # **1-17H**

Sec. **17** Twp. **31S** Rge. **20**

East
 West

County **Comanche**

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
BAKER ATLAS GAMMA RAY/CCL & TVA

CONFIDENTIAL
Log Formation (Top), Depth and Datum
Name Top Datum

See attached

CASING RECORD

New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Conductor	30"	20"	64#	100'	10 Sx. Grout	9 1/2 Yds	N/A
Surface	12 1/2"	9-5/8"	36#	1250'	Midcon2 Pre Plus	165 200	2% CC 2% CC
Production	8-3/4"	7"	23#	6156'	Class H	165	5% EA-2, 10% Salt, .75 Halad 322, & 5#/Sx Gilsonite.

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
	- OPEN HOLE -		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	5119.57'	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method	(No Production) Other (Explain)
SI F/Evaluation	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/>	

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	0	55	N/A	N/A

Disposition of Gas: (No Production)

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled
 Other (Specify)

6156' To
10,070 Horz. OH

CONFIDENTIAL

ORIGINAL

Formation Top Summary

Storage Units: Imperial

Kelly Bushing Elevation: 2,120.00
 Ground Elevation: 2,105.00

Casing Flange Elevation:

**** All Depths measured from Kelly Bushing Elevation ****

Group Formation Member	Prognosis (TVD)	Sample Top (MD)	Sample Top (TVD)	Log Top (MD)	Log Top (TVD)	Subsea	Thickness
Shawnee Oread Heebner	4,232.00	4,248.00	4,248.00			-2,128.00	
Marmaton Marmaton	4,908.00	4,912.00	4,912.00			-2,792.00	
Marmaton Pawnee	5,008.00	5,000.00	5,000.00			-2,880.00	
Marmaton Fort Scott	5,043.00	5,035.00	5,035.00			-2,915.00	
Cherokee Cherokee	5,037.00	5,042.00	5,042.00			-2,922.00	
Mississippian Mississippian Unconf	5,141.00	5,154.00	5,154.00	5,130.00	5,130.00	-3,010.00	
Meramecian Warsaw	5,481.00	5,509.00	5,508.00	5,488.00	5,494.00	-3,374.00	
Osage Osage Cowley	5,567.00	5,591.00	5,584.00	5,573.00	5,588.00	-3,448.00	
Kinderhook Kinderhook	5,830.00	5,947.00	5,830.00	5,938.00	5,831.00	-3,711.00	
Kinderhook Kinderhook Gray Zone	5,837.00	6,008.00	5,854.00	5,998.00	5,853.00	-3,733.00	

KCC

AUG 18 2000
CONFIDENTIAL

Handwritten: Huck 1-17H

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AUG 18 2001

FROM CONFIDENTIAL

Directional Survey Report

Directional Drilling Company: Scientific Drilling
Directional Drillers: Mark Milam & Richard Reed
Measured While Drilling (MWD) Hands: Gary Blackshaw & Steve Wilburn
Survey Type: magnetic
Survey Mode: MWD
Survey Date: Apr 30, 2000
Survey Calculation Method: minimum curvature
Vertical Section Calculated on: 193.00 ° plane

Survey Tie-In Information

Tie-In Depths	Measured Depth:	5,378.00	True Vertical Depth (TVD):	5,378.00
Tie-In Node	Latitude:	37.3516100	Longitude:	99.5119700
Tie-In Co-Ordinantes				
N / S: 195' FNL				
E / W: 1213' FEL				

Kick-Off (Whipstock) Information

Kick-Off Depths	Measured Depth:	5,378.00	True Vertical Depth (TVD):	5,378.00
Kick-Off Node	Latitude:	37.3516100	Longitude:	99.5119700
Kick-Off Co-Ordinantes				
N / S: 195' FNL				
E / W: 1213' FEL				

Remarks: Build section of well.

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 AUG 8 2001
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Survey Points

Storage Units: Imperial

Measured Depth	T.V.D.	Drift Angle (°)	Azimuth (°)	+N / -S Distance	+E / -W Distance	Vertical Section	DogLeg Severity
1,500.00	1,499.97	0.600	65.60	3.24	7.15	-4.77	0.04
3,000.00	2,999.94	0.240	324.00	8.81	12.77	-11.26	0.04
4,500.00	4,499.93	0.500	137.70	5.88	15.63	-9.25	0.05
5,313.00	5,312.92	0.200	320.20	4.35	17.11	-8.09	0.09
5,348.00	5,347.92	0.400	283.00	4.42	16.95	-8.12	0.77
5,379.00	5,378.92	1.200	220.40	4.20	16.64	-7.84	3.47
5,410.00	5,409.88	4.000	214.20	3.06	15.82	-6.54	9.06
5,441.00	5,440.73	7.300	213.30	0.52	14.13	-3.68	10.65
5,472.00	5,471.34	10.800	210.40	3.63	11.58	0.94	11.38
5,503.00	5,501.58	14.500	209.80	-9.50	8.17	7.42	11.94
5,534.00	5,531.31	18.300	209.90	-17.09	3.81	15.79	12.26
5,563.00	5,558.52	22.100	209.70	-25.78	-1.16	25.38	13.10
5,594.00	5,586.88	25.500	208.90	-36.69	-7.28	37.39	11.02
5,625.00	5,614.43	29.100	206.80	-49.26	-13.91	51.13	12.02
5,656.00	5,641.02	32.700	205.60	-63.55	-20.93	66.63	11.78
5,688.00	5,667.39	36.300	205.40	-79.91	-28.73	84.32	11.25
5,719.00	5,691.87	39.400	204.00	-97.19	-36.67	102.94	10.38
5,749.00	5,714.42	43.100	202.00	-115.40	-44.38	122.42	13.09
5,779.00	5,735.61	47.000	200.10	-135.21	-51.99	143.44	13.75
5,811.00	5,758.54	51.300	197.50	-158.12	-59.77	167.51	14.77
5,842.00	5,774.97	55.700	195.00	-182.04	-66.73	195.00	15.60
5,872.00	5,791.53	57.300	194.00	-206.26	-72.99	217.39	6.01
5,903.00	5,809.03	58.400	192.80	-243.64	-79.07	243.64	4.83
5,934.00	5,823.53	61.600	192.00	-258.01	-84.83	270.48	10.56
5,965.00	5,837.85	64.200	191.20	-285.04	-90.38	298.06	8.70
5,995.00	5,849.15	67.300	191.20	-311.87	-95.69	325.40	10.33
6,025.00	5,860.47	71.700	191.80	-339.40	-101.29	353.48	14.78
6,057.00	5,869.15	76.800	192.80	-369.48	-107.86	384.27	16.22
6,089.00	5,875.34	80.900	193.70	-400.03	-115.05	415.88	13.11
6,105.00	5,877.51	83.500	194.30	-415.41	-118.89	431.50	16.67
6,169.00	5,880.58	91.000	193.00	-477.48	-133.98	495.38	11.89
6,248.00	5,880.58	88.500	192.00	-554.60	-151.06	574.34	3.41
6,307.00	5,882.85	87.750	192.00	-612.28	-163.32	633.33	1.27
6,401.00	5,886.55	87.750	193.00	-703.98	-183.65	727.25	1.06
6,497.00	5,890.94	87.000	193.00	-797.42	-205.22	823.15	0.78

Ensign Operating Co.
API Huck 1-17

RELEASED

No. 1-17 H Huck
NWNENE 17 318 20W
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AUG 18 2001

FROM CONFIDENTIAL

+N -S +E -W

6,659.00	5,894.00	90.500	193.00	-955.21	-241.65	985.09	2.16
6,722.00	5,892.96	92.250	193.00	-1,016.58	-255.81	1,048.07	2.78
6,854.00	5,889.22	91.000	193.00	-1,145.14	-285.50	1,180.01	0.95
7,013.00	5,886.45	91.000	194.00	-1,299.72	-322.61	1,338.98	0.83
7,166.00	5,885.11	90.000	195.00	-1,447.84	-360.91	1,491.82	0.92
7,322.00	5,887.15	88.500	196.00	-1,598.14	-402.60	1,647.75	1.16
7,418.00	5,890.92	87.000	196.00	-1,690.35	-429.04	1,743.54	1.56
7,579.00	5,897.95	88.000	193.00	-1,846.05	-469.30	1,804.31	1.86
7,767.00	5,898.36	91.750	192.00	-2,029.56	-509.99	2,092.27	2.06
7,903.00	5,893.02	92.750	190.00	-2,162.95	535.91	2,228.07	1.64
8,086.00	5,883.84	93.000	189.00	-2,343.21	-568.08	2,410.50	0.56
8,244.00	5,874.88	93.500	188.00	-2,499.22	-589.40	2,567.75	0.71
8,372.00	5,867.06	93.500	187.50	-2,625.82	-606.63	2,694.98	0.39
8,562.00	5,857.95	92.000	185.00	-2,814.45	-627.28	2,883.42	1.53
8,722.00	5,857.95	88.000	186.00	-2,973.88	-642.61	3,042.02	2.58
8,914.00	5,863.81	88.500	187.00	-3,164.35	-664.34	3,232.69	0.58
9,008.00	5,866.68	88.000	183.00	-3,257.93	-672.53	3,325.72	4.29
9,135.00	5,872.22	87.000	183.00	-3,384.64	-679.17	3,450.67	0.79
9,262.00	5,879.42	86.500	181.50	-3,511.33	-684.14	3,511.33	1.24
9,516.00	5,890.50	88.500	182.00	-3,764.96	-638.36	3,548.81	1.24
9,673.00	5,895.98	87.500	181.00	-3,921.80	-696.00	3,977.85	0.90
9,865.00	5,899.33	90.500	181.50	-4,113.71	-700.19	4,165.78	1.58
10,023.00	5,901.40	88.000	181.00	-4,271.64	-703.63	4,320.44	1.61
10,070.00	5,903.04	88.000	181.00	-4,318.60	-704.45	4,366.39	0.00

195 FNL
+ 4,318.6 (SOUTH)

4513.6 FNL

1213 FEL
+ 704.45 (WEST)

1917.45 FEL

RELEASED
AUG 18 2001
FROM CONFIDENTIAL

BOTTOM HOLE LOCATION
4513.6 FNL
1917.5 FEL



CONFIDENTIAL

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

WELL OPERATOR
ENSIGN OPER. CO. HUCK
#1-17, COMANCH
LEASE NAME / OFFSHORE AREA
HUCK
WELL NUMBER
#1-17
WELL PERMIT NO.
SEC17-31S-20W
ADDRESS
*
CITY, STATE, ZIP CODE

ORIGINAL

Halliburton Energy Services, Inc.

TICKET TYPE	COMPANY CODE	HALLIBURTON ORDER NO.
Services	1100	575235
CUSTOMER P.O. NO.	JOB DATE	PRIMARY SERVICE LOC.
N/A	04/23/2000	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	7521	PSL-CMT Cement Surface Casing-BOM	1.00	JOB	0.00	0.00
		Liberal, KS, USA Hwy 54 West				
		JP010				
20	1	MILEAGE FROM-NEAREST HES BASE,/UNIT	110	MI	4.05	445.50
		Liberal, KS, USA Hwy 54 West				
		000-117	110	MI	1.62-	178.20-
		000-117	110	MI	2.43	267.30
		With the following configuration:				
		Number of Units	1	unit		
30	2	MILEAGE FOR CEMENTING CREW,ZI	110	MI	2.38	261.80
		Liberal, KS, USA Hwy 54 West				
		000-119	110	MI	0.95-	104.72-
		000-119	110	MI	1.43	157.08
		With the following configuration:				
		Number of Units	1	unit		

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

TOTAL FROM THIS PAGE	424.38
TOTAL FROM NEXT PAGE(S)	7,321.05
SUBTOTAL	7,745.43
TAXES	473.30
GRAND TOTAL	8,218.73
	US Dollars

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Halliburton Energy Services, Inc.

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	1,778.00	1,778.00
			1.00	EA	711.20-	711.20-
			1.00	EA	1,066.80	1,066.80
		001-016				
		CSG PUMPING,0-4 HRS,ZI				
		With the following configuration:				
		DEPTH	1,200			
		FEET/METRES (FT/M)	FT			
50	100003164	PLUG - CMTG - TOP PLASTIC - 9-5/8				
	Liberal, KS, USA Hwy 54 West		1.00	EA	164.00	164.00
			1.00	EA	65.60-	65.60-
			1.00	EA	98.40	98.40
		402.1581				
		PLUG - CMTG - TOP PLASTIC - 9-5/8				
		29.3-53.5# - 6.97 OD INSERT X 9.25				
		OD WIPERS X 9.12 LG				
60	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		
70	7	ENVIRONMENTAL SURCHARGE,/JOB,ZI				
	Liberal, KS, USA Hwy 54 West		1.00	JOB	60.00	60.00
		000-150				
80	15079	SBM MIDCON 2 PREMIUM PLUS				
	Hugoton, KS, USA		165.00	SK	19.64	3,240.60
			165.00	SK	7.86-	1,296.24-
			165.00	SK	11.78	1,944.36
		504-282				

 FROM CONFIDENTIAL
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 AUG 18 2000

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Halliburton Energy Services, Inc.

ITEM	MATERIAL	DESCRIPTION	UNIT	PRICE	AMOUNT
120	100005053 Hugoton, KS, USA	CALCIUM CHLORIDE-80 LB/SK-CHEMICAL	9.00 SK	49.85	448.65
			9.00 SK	19.94	179.46
			9.00 SK	29.91	269.19
		509-406890.50812 CALCIUM CHLORIDE - HI TEST PELLET - 94-97% CACL 2 - 80# BAG			
130	100012205 Hugoton, KS, USA	Cement- Class C / Premium (Bulk)	200.00 SK	16.68	3,336.00
			200.00 SK	6.67	1,334.40
			200.00 SK	10.01	2,001.60
		504-050516.00265 CEMENT - CLASS C - PREMIUM - BULK			
140	3965 Hugoton, KS, USA	HANDLE&DUMP SVC CHRGR, CMT&ADDITIVES,ZI	383.00 CF	1.76	674.08
			383.00 CF	0.70	269.63
			383.00 CF	1.06	404.45
		500-207 With the following configuration: NUMBER OF EACH	1 each		
150	3975 Hugoton, KS, USA	MILEAGE,CMTG MTLN DEL/RETURNED,ZI	959.0 TMI	1.39	1,333.01
			959.0 TMI	0.56	533.20
			959.0 TMI	0.83	799.81
		500-306 With the following configuration: NUMBER OF TONS	1.00 ton		
160	100004728 Liberal, KS, USA Hwy 54 West	SHOE - GUIDE - 9-5/8 BRD	1.00 EA	274.00	274.00
			1.00 EA	82.20	82.20
			1.00 EA	191.80	191.80
		12A - 825.221 SHOE - GUIDE - 9-5/8 BRD			

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CONFIDENTIAL

ORIGINAL

ORIGINAL

Halliburton Energy Services, Inc.

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
170	100004703 Liberal, KS, USA Hwy 54 West	V ASSY,INSR FLOAT,9 5/8 LG,8RD,F/ USE	1.00	EA	266.00	266.00
			1.00	EA	79.80-	79.80-
			1.00	EA	186.20	186.20
		24A - 815.19551 VALVE ASSY - INSERT FLOAT - 9-5/8 LG 8RD - F/USE W/ 36-53.5#/FT LTC COUPLINGS				
180	100013935 Liberal, KS, USA Hwy 54 West	FILLUP ASSY - 1.500 ID - 9-5/8 &	1.00	EA	83.00	83.00
			1.00	EA	24.90-	24.90-
			1.00	EA	58.10	58.10
		27 - 815.19615 FILLUP ASSY - 1.500 ID - 9-5/8 & LARGER INSERT FLOAT VALVE				
190	100004485 Liberal, KS, USA Hwy 54 West	CENTRALIZER-9-5/8"-CSG-12 1/4"-HINGED	3.00	EA	95.00	285.00
			3.00	EA	28.50-	85.50-
			3.00	EA	66.50	199.50
		806.60065 CENTRALIZER ASSY - API - 9-5/8 CSG X 12-1/4 HOLE - HINGED - W/WELDED IMPERIAL BOWS				
200	100004643 Liberal, KS, USA Hwy 54 West	COLLAR-STOP-9 5/8"-W/DOGS	1.00	EA	27.05	27.05
			1.00	EA	8.11-	8.11-
			1.00	EA	18.94	18.94
		XXXXXXX 806.72755 CLAMP - LIMIT - 9-5/8 - FRICTION - W/DOGS				
210	100005045 Liberal, KS, USA Hwy 54 West	HALLIBURTON WELD-A KIT	1.00	EA	18.43	18.43
			1.00	EA	5.53-	5.53-
			1.00	EA	12.90	12.90

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Halliburton Energy Services, Inc.

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	LINE PRICE	AMOUNT
HALLIBURTON WELD-A KIT						
215	3	DERRICK CHARGE				
		Liberal, KS, USA Hwy 54 West	1.00	EA	436.00	436.00
			1.00	EA	174.40-	174.40-
			1.00	EA	261.60	261.60
		000-121				
220	45	JOB ADJUSTMENT FOR POOR PERFORMANCE				
		Liberal, KS, USA Hwy 54 West	1.00	EA	1.00	1.00
			1.00	EA	751.00-	751.00-
			1.00	EA	750.00-	750.00-
		019-000				
		INVOICE AMOUNT				7,745.43
		Sales Tax - State				367.23
		Sales Tax - County				31.12
		Sales Tax - City/Loc				74.95
		INVOICE TOTAL				8,218.73
						US Dollars

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HALLIBURTON

Work Order Contract AUG 18 2000

KCC

ORIGINAL

Halliburton Energy Services, Inc. CONFIDENTIAL
Houston Texas 77056

Order Number

575235

70012 SAP

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. 1-17 H	Farm or Lease HUCK	County COMANCHE	State KS	Well Permit #
Customer ENSCO OPERATING	Well Owner SAME	Job Purpose 016		

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 High Finance Annual 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 used 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:

~~FROM CONFIDENTIAL~~
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 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 Cilent 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: Kenny Cavender
CUSTOMER Authorized Signatory

DATE: 4-23-00 TIME: 0800 A.M./P.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

Kenny Cavender
CUSTOMER Authorized Signatory

White-Office

Canary-Field Office

Pink-Customer

Green-Retain

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FROM CONFIDENTIAL

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

WELL OPERATOR
ENSIGN OPER. CO. HUCK
#1-17, COMANCH
LEASE NAME / OFFSHORE AREA
HUCK
WELL NUMBER
#1-17
WELL PERMIT NO.
SEC17-31S-20W
ADDRESS
*
CITY, STATE, ZIP CODE

ORIGINAL

TICKET TYPE	COMPANY CODE	HALLIBURTON ORDER NO.
Services	1100	601784
CUSTOMER P.O. NO.	JOB DATE	PRIMARY SERVICE LOC.
N/A	05/04/2000	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	110	MI	4.05	445.50
			110	MI	1.62	178.20
			110	MI	2.43	267.30
		000-117				
		With the following configuration: Number of Units	1	unit		
30	2	MILEAGE FOR CEMENTING CREW,ZI Liberal, KS, USA Hwy 54 West	110	MI	2.38	261.80
			110	MI	0.95	104.72
			110	MI	1.43	157.08
		000-119				
		With the following configuration: Number of Units	1	unit		

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INVOICE INSTRUCTIONS	
PAYMENT TERMS	HALLIBURTON APPROVAL
Net due in 20 days	<i>[Signature]</i>
HALLIBURTON OPERATOR / ENGINEER	CUSTOMER SIGNATURE
<i>John Woodrow 105848</i>	<i>[Signature]</i>

TOTAL FROM THIS PAGE	424.38
TOTAL FROM NEXT PAGE(S)	7,324.45
SUBTOTAL	7,748.83
TAXES	449.74
GRAND TOTAL	8,198.57
	US Dollars

CONFIDENTIAL ORIGINAL



CONFIDENTIAL

Halliburton Energy Services, Inc.

ORIGINAL

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	2,874.00	2,874.00
			1.00	EA	1,149.60	1,149.60
			1.00	EA	1,724.40	1,724.40
		001-016				
		CSG PUMPING,0-4 HRS,ZI				
		With the following configuration:				
		DEPTH	6,100			
		FEET/METRES (FT/M)	FT			
50	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		
60	7	ENVIRONMENTAL SURCHARGE,/JOB,ZI				
	Liberal, KS, USA Hwy 54 West		1.00	JOB	60.00	60.00
		000-150				
70	100003639	CHEMICAL - HALLIBURTON SUPER FLUSH				
	Liberal, KS, USA Hwy 54 West		12.00	SK	119.00	1,428.00
			12.00	SK	47.60	571.20
			12.00	SK	71.40	856.80
		516.00114				
		CHEMICAL - HALLIBURTON SUPER FLUSH				
80	100003687	Cement- Premium (Bulk)				
	Hugoton, KS, USA		165.00	SK	16.31	2,691.15
			165.00	SK	6.52	1,076.46
			165.00	SK	9.79	1,614.69
		CEMENT - CLASS H - PREMIUM - BULK				
		CEMENT - CLASS H - PREMIUM - BULK				

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Halliburton Energy Services, Inc.

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
90	100064022	CHEM,CAL SEAL,BULK				
	Hugoton, KS, USA		8.00	SK	29.76	238.08
			8.00	SK	11.90	95.23
			8.00	SK	17.86	142.85
		508-127516.00335				
		CHEMICAL - CAL SEAL - BULK				
100	100003700	CHEMICAL-Gilsonite (Bulk)				
	Hugoton, KS, USA		825.00	LB	0.62	511.50
			825.00	LB	0.25	204.60
			825.00	LB	0.37	306.90
		508-292516.00337				
		CHEMICAL - GILSONITE - BULK				
110	100003646	CHEMICAL - HALAD-322 - 50 LB SACK				
	Hugoton, KS, USA		117.00	LB	8.19	958.23
			117.00	LB	3.28	383.29
			117.00	LB	4.91	574.94
		507-775516.00144				
		CHEMICAL - HALAD-322 - 50 LB SACK				
120	100003695	SALT,CEM GR,BULK				
	Hugoton, KS, USA		623.00	LB	0.20	124.60
			623.00	LB	0.08	49.84
			623.00	LB	0.12	74.76
		509-968516.00315				
		SALT - CEMENT GRADE - BULK				
130	3965	HANDLE&DUMP SVC CHR, CMT&ADDITIVES,ZI				
	Hugoton, KS, USA		201.00	CF	1.76	353.76
			201.00	CF	0.70	141.50
			201.00	CF	1.06	212.26
		500-207				
		With the following configuration:				
		NUMBER OF EACH	1	each		

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Halliburton Energy Services, Inc.

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
140	3975	MILEAGE,CMTG MTLs DEL/RETURNED,ZI				
	Hugoton, KS, USA		491.0	TMI	1.39	682.49
			491.0	TMI	0.56	273.00
			491.0	TMI	0.83	409.49
		500-306				
		With the following configuration:				
		NUMBER OF TONS	1.00	ton		
150	100004908	SHOE-FLOAT- 7 8RD - 2-3/4 SUPER SEAL				
	Liberal, KS, USA Hwy 54 West		1.00	EA	330.05	330.05
			1.00	EA	132.02	132.02
			1.00	EA	198.03	198.03
		5A - 837.14100				
		SHOE-FLOAT- 7 8RD - 2-3/4 SUPER SEAL				
		II VALVE				
155	100004781	COLLAR-FLOAT- 7 8RD 17-26#/FT - 2-3/4				
	Liberal, KS, USA Hwy 54 West		1.00	EA	399.05	399.05
			1.00	EA	159.62	159.62
			1.00	EA	239.43	239.43
		4A - 836.14100				
		COLLAR-FLOAT- 7 8RD 17-26#/FT - 2-3/4				
		SUPER SEAL II VALVE				
160	100004480	CENTRALIZER-7"-CSG-8-1/2"-HINGED				
	Liberal, KS, USA Hwy 54 West		6.00	EA	77.00	462.00
			6.00	EA	23.10	138.60
			6.00	EA	53.90	323.40
		806.60043				
		CENTRALIZER ASSY - API - 7 CSG X 8-1/2				
		HOLE - HINGED - W/WELDED IMPERIAL				
		BOWS				
170	100004640	COLLAR-STOP-7"-W/DOGS				
	Liberal, KS, USA Hwy 54 West		1.00	EA	18.85	18.85
			1.00	EA	5.65	5.65
			1.00	EA	13.20	13.20

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 AUG 18 2001
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XXXXXXXX 806.72740

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Halliburton Energy Services, Inc.

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
		CLAMP - LIMIT - 7 - FRICTION - W/DOGS				
180	100005045	HALLIBURTON WELD-A KIT				
	Liberal, KS, USA Hwy 54 West		1.00	EA	18.43	18.43
			1.00	EA	5.53	5.53
			1.00	EA	12.90	12.90
		HALLIBURTON WELD-A KIT				
190	100003154	PLUG - CMTG - TOP ALUM - 7 IN. 17-32#				
	Liberal, KS, USA Hwy 54 West		1.00	EA	105.00	105.00
			1.00	EA	42.00	42.00
			1.00	EA	63.00	63.00
	999	402.1519				
		PLUG - CMTG - TOP ALUM - 7 IN. 17-32#				
		INVOICE AMOUNT				7,748.83
		Sales Tax - State				330.94
		Sales Tax - County				51.27
		Sales Tax - City/Loc				67.53
		INVOICE TOTAL				8,198.57
						US Dollars

CONFIDENTIAL

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AUG 18 2001
FROM CONFIDENTIAL

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AUG 18 2000
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HALLIBURTON CONFIDENTIAL JOB SUMMARY

ORDER NO. 70008

TICKET # 60178 ORIGINAL

TICKET DATE 8-5-00

REGION North America

NWA/COUNTRY Mid CONTINENT

BDA / STATE KS

COUNTY COMANCHE

MBU ID / EMP # MCL 70104 105848

EMPLOYEE NAME JOHN WOODROW

PSL DEPARTMENT ZONAL ISOLATION

LOCATION LIBERAL, KS

COMPANY FALSIGN OPERATING

CUSTOMER REP / PHONE KENNY CAUGHTER

KCC

TICKET AMOUNT \$ 8198.57

WELL TYPE

API / UWI #

DEPARTMENT 01

JOB PURPOSE CODE 035

WELL LOCATION PROTECTION

SEC / TWP / RNG 17-31S-20W

AUG 18, 2000

LEASE / WELL # HUGG 1-17H

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
J. Woodrow 105848	24						
A. ZIMMERMAN 202875	24						
D. GARDIAN 199486	24						

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420621 PIV	110						
54219/78289	110						
52947/75819	55						

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 SST 2'	1	H
Float Shoe SST 2'	1	
Guide Shoe		O
Centralizers S-YA 7'	6	
Bottom Plug		W
Top Plug 5" (W) 7'	1	
Head P/C 7'	1	C
Packer		
Other		O

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		

RELEASED
AUG 18 2000
FROM CONFIDENTIAL

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	5-4-00	5-4-00	5-4-00	5-4-00
TIME	0300	0830	0004	0100

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	23#	7"	KB	61.57	
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	
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER

ORDERED Avail. _____ Used _____

AVERAGE RATES IN BPM

TREATED Disp. _____ Overall _____

CEMENT LEFT IN PIPE

FEET Reason SHOE JOINT

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIONS	YIELD	LBS/GAL
	165	premium (H)	B	5% EA 2 5% GILSONITE, 75% HALO 322, 10% SALT	1.22	16.4

Circulating Breakdown	Displacement Maximum	Preflush: Gal - (BB) 12	Type SUPER PLUG
Average	Frac Gradient	Load & Bkdn: Gal - BB	Pad: BB / Gal
Shut In: Instant	5 Min	Treatment Gal - BB	Disp (BB) Gal 240-3
		Cement Slurr Gal - (BB) 35.8	
		Total Volume Gal - BB	

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

CUSTOMER'S REPRESENTATIVE SIGNATURE _____

CONFIDENTIAL



Work Order Contract

KCC

ORIGINAL

Halliburton Energy Services, Inc. Houston Texas 77058

AUG 18 2000 Order Number

601785

CONFIDENTIAL

70012 SAP

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:

Table with columns: Well No., Farm or Lease, County, State, Well Permit #, Customer, Well Owner, Job Purpose. Contains handwritten entries: 1, HICK, COMANCHE, KS, ENSIGN OPERATING, SAME, O35.

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.

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.

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.

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.

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.

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.

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 Clifton Drive, Houston, TX. 77020.

RELEASED

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.

AUG 18 2001

SIGNED: [Signature] DATE: 5-4-00 TIME: 0900 A.M./P.M.

CUSTOMER Authorized Signatory

Customer Acceptance of Materials and Services

FROM CONFIDENTIAL

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

[Signature]

CUSTOMER Authorized Signatory

White-Office

Canary-Field Office

Pink-Customer

Green-Retain