

RELEASED

OCT 07 1992

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SIDE ONE

KCC

SEP 19

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

API NO. 15- 119-20,836-0000 **CONFIDENTIAL**

County Meade  
SW NW NE Sec. 10 Twp. 33S Rge. 30  East West

Operator: License # 04782

4290 Ft. North from Southeast Corner of Section

Name: Ensign Operating Co.

2310 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Address 621 17th Street

Lease Name Butler Well # 1-10

Suite #1800

Field Name Wildcat

City/State/Zip Denver, CO 80293

Producing Formation \_\_\_\_\_

Purchaser: \_\_\_\_\_

Elevation: Ground 2718 KB 2729

Operator Contact Person: J. C. Simmons

Total Depth 6200 PBTD \_\_\_\_\_

Phone (303) 293-9999

Contractor: Name: Gabbert-Jones - Rig #8

License: 5842

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Wellsite Geologist: Duane E. Moredock

STATE CORPORATION COMMISSION

Designate Type of Completion  
 New Well  Re-Entry  Workover

SEP 19 1991

Oil  SMD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

CONSERVATION DIVISION  
Wichita, Kansas

If OWM: old well info as follows:

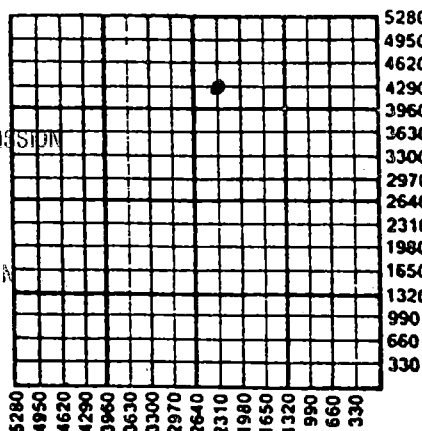
Operator: \_\_\_\_\_

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

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

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

8/9/91 8/22/91 D&A 8/23/91  
Spud Date Date Reached TD Completion Date



ALT D&A

Amount of Surface Pipe Set and Cemented at 1650 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 amt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Connie Smith

Title Sr. Engineering Technician Date 9/16/91

Subscribed and sworn to before me this 16<sup>th</sup> day of September, 19 91

Notary Public Pamela F. Campbell

Date Commission Expires 9/30/94

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Drillers Timelog Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SMD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		

**SIDE TWO**

Operator Name Ensign Operating Co. Lease Name Butler Well # 1-10  
 Sec. 10 Twp. 33S Rge. 30  East County Meade  
 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.)

**See attached**

**Formation Description**

Log  Sample

Name \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

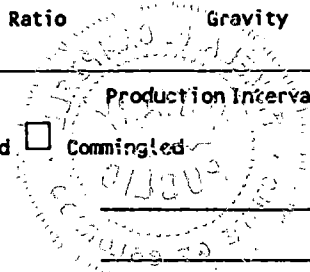
**See attached**

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
Surface	12-1/4	8-5/8	24	1650	HLC	550	2% CaCl <sub>2</sub> + 1/4#/sk
			Tailed in →		Class "C"	150	Flocele 2% CaCl <sub>2</sub>
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer At					
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
D & A 8/23/91							
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: \_\_\_\_\_



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Drill-Stem Test Data

CONFIDENTIAL

FROM CONFIDENTIAL

Well Name BUTLER #1-10 Test No. 1 Date 8/19/91  
Company ENSIGN OPERATING COMPANY Zone Tested MORROW  
Address 621 17TH STREET #1800 DENVER COLO Elevation 2729 KB  
Co. Rep./Geo. DUANE MOREDOCK cont. G & J RIG #8 Est. Ft. of Pay  
Location: Sec. 10 Twp. 33S Rge. 30W Co. MEADE State KS

Interval Tested 5632-5683  
Anchor Length 51  
Top Packer Depth 5627  
Bottom Packer Depth 5632  
Total Depth 5683

Drill Pipe Size 4.5 XH  
Wt. Pipe I.D. - 2.7 Ft. Run  
Drill Collar - 2.25 Ft. Run 618

Mud Wt. 9 lb / gal. Viscosity 46 Filtrate 9.6

Tool Open @ 4:53 AM Initial Blow SURFACE BLOW TO 2 1/2" IN 30 MINUTES

Final Blow SURFACE BLOW 15 SECONDS - NO BLOW

Recovery - Total Feet 15 Flush Tool? NO

Rec. 15 Feet of SLTLY GASSY OIL STAINED MUD-1%GAS/1%OIL/98%MUD RECEIVED

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 124 °F Gravity °API @ °F Corrected Gravity °API

RW 1 @ 88 °F Chlorides 4800 ppm Recovery Chlorides 4600 ppm System

(A) Initial Hydrostatic Mud 2660.3 PSI Ak1 Recorder No. 13308 Range 4700

(B) First Initial Flow Pressure 25.4 PSI @ (depth) 5640 w/Clock No. 27573

(C) First Final Flow Pressure 25.4 PSI Ak1 Recorder No. 2023 Range 4000

(D) Initial Shut-In Pressure 126.9 PSI @ (depth) 5678 w/Clock No. 14380

(E) Second Initial Flow Pressure 25.4 PSI Ak1 Recorder No. Range

(F) Second Final Flow Pressure 25.4 PSI @ (depth) w/Clock No.

(G) Final Shut-In Pressure 150.8 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2614.5 PSI Initial Shut-In 60 Final Shut-In 120

Our Representative MARK HERSKOWITZ

TOTAL PRICE \$ 1100

SEP 19 1991

OBSERVATION DIVISION  
Wichita, Kansas

STATE OF KANSAS COMMISSION

RELEASED **TRILOBITE TESTING COMPANY**

P.O. Box 362 • Hays, Kansas 67601

OCT 0 7 1992

ORIGINAL

SEP 19

FROM CONFIDENTIAL **Drill-Stem Test Data**

CONFIDENTIAL

Well Name BUTLER #1-10 Test No. 2 Date 8/19/91  
 Company ENSIGN OPERATING COMPANY Zone Tested MORROW  
 Address 621 17TH STREET #1800 DENVER COLO Elevation 2729 KB  
 Co. Rep./Geo. DUANE MOREDOCK Cont. G & J RIG #8 Est. Ft. of Pay \_\_\_\_\_  
 Location: Sec. 10 Twp. 33S Rge. 30W Co. MEADE State KS

Interval Tested 5681-5775  
 Anchor Length 94  
 Top Packer Depth 5676  
 Bottom Packer Depth 5681  
 Total Depth 5775

Drill Pipe Size 4.5 XH  
 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
 Drill Collar - 2.25 Ft. Run 561

Mud Wt. 8.9 lb / gal. Viscosity 47 Filtrate 10.2

Tool Open @ 1:01 AM Initial Blow OFF BOTTOM IN 45 SECONDS-DIES TO 7"  
 IN 30 MINUTES

Final Blow OFF BOTTOM IN 21 MINUTES

Recovery - Total Feet 110 Flush Tool? NO

Rec. 693 Feet of GAS IN PIPE

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. 110 Feet of SLTLY GASSY OIL STAINED MUD-2%GAS/.5%OIL/97.5%MUD

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT \_\_\_\_\_ °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API

RW 1.3 @ 72 °F Chlorides 4900 ppm Recovery Chlorides 4600 ppm System

(A) Initial Hydrostatic Mud 2720.5 PSI Ak1 Recorder No. 13308 Range 4700

(B) First Initial Flow Pressure 71.3 PSI @ (depth) \_\_\_\_\_ w/Clock No. 27573

(C) First Final Flow Pressure 71.3 PSI AK1 Recorder No. 2023 Range 4000

(D) Initial Shut-In Pressure 165.9 PSI @ (depth) \_\_\_\_\_ w/Clock No. 8376

(E) Second Initial Flow Pressure 71.3 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(F) Second Final Flow Pressure 71.3 PSI @ (depth) \_\_\_\_\_ w/Clock No. \_\_\_\_\_

(G) Final Shut-In Pressure 82.6 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 2688.7 PSI Initial Shut-In 60 Final Shut-In 120

Our Representative MARK HERSKOWITZ

TOTAL PRICE \$ 1100

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STATE CORPORATION COMMISSION

SEP 19 1991

Oil & Gas Division  
Topeka, Kansas

RELEASED **TRILOBITE TESTING COMPANY**

P.O. Box 362 • Hays, Kansas 67601

OCT 07 1992

FROM CONFIDENTIAL **ORIGINAL**  
**Drill-Stem Test Data**

SEP 19

**CONFIDENTIAL**

Well Name BUTLER #1-10 Test No. 3 Date 8/21/91  
 Company ENSGN OPERATING COMPANY Zone Tested LWR CHESTER  
 Address 621 17TH STREET #1800 DENVER COLO Elevation 2729 KB  
 Co. Rep./Geo. DUANE MOREDOCK Cont. G & J RIG #8 Est. Ft. of Pay \_\_\_\_\_  
 Location: Sec. 10 Twp. 33S Rge. 30W Co. MEADE State KS

Interval Tested 5970-6000 Drill Pipe Size 4.5 XH  
 Anchor Length 30 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
 Top Packer Depth 5965 Drill Collar - 2.25 Ft. Run 618  
 Bottom Packer Depth 5970  
 Total Depth 6000

Mud Wt. 9 lb / gal. Viscosity 46 Filtrate 10.6

Tool Open @ 8:23 AM Initial Blow OFF BOTTOM IN 2 MINUTES-DIED TO  
1 1/2" IN 30 MINUTES  
 Final Blow WEAK SURFACE TO 7" IN 60 MINUTES

Recovery - Total Feet 60 Flush Tool? NO

Rec. 471 Feet of GAS IN PIPE

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. 60 Feet of OIL CUT MUD-10%OIL/90%MUD

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
 BHT 127 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API

RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 4400 ppm System

(A) Initial Hydrostatic Mud 2856.3 PSI Ak1 Recorder No. 13308 Range 4700

(B) First Initial Flow Pressure 35.4 PSI @ (depth) 5972 w/Clock No. 27573

(C) First Final Flow Pressure 46.5 PSI AK1 Recorder No. 2023 Range 4000

(D) Initial Shut-In Pressure 135.8 PSI @ (depth) 5995 w/Clock No. 8376

(E) Second Initial Flow Pressure 46.5 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(F) Second Final Flow Pressure 114.5 PSI @ (depth) \_\_\_\_\_ w/Clock No. \_\_\_\_\_

(G) Final Shut-In Pressure 2817.9 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 2688.7 PSI Initial Shut-In 60 Final Shut-In 120

Our Representative MARK HERSKOWITZ TOTAL PRICE \$ 1100

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CONSERVATION DIVISION  
Wichita, Kansas

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FROM CONFIDENTIAL INFORMATION TOPS No. 1-10 BUTLER

SEP 19

CONFIDENTIAL  
Wire Line  
Geophysical Logs

	G.L. 2718' K.B. 2729'	Comparison Well NE SW 10-33S-30W K.B. 2731' Surface +2723'	Drill Time and Samples Surface +2718'	Wire Line Geophysical Logs Surface +2718'
Tertiary				
Permian				
Guadalupian				
Taloga		NL	NDT	552' +2177'
Day Creek				650' +2079'
Whitehorse				670' +2099'
Leonardian				
Nippewalla Gr.				
Blaine				926' +1803'
Cedar Hills				1086' +1643'
Salt Plain				1170' +1559'
Sumner Gr.				
Stone Corral				1569' +1160'
Ninnescah			1646' +1083'	1654' +1075'
Wellington			2112' +617'	2108' +621'
Hutchinson			2169' +560'	2174' +555'
Wolfcampian				
Chase Gr.				
Herington	2682' +51'		2688' +41'	2685' +44'
Krider	2750' -17'		2759' -30'	2762' -33'
Winfield	2803' -70'		2807' -78'	2810' -81'
Towanda	2872' -139'		2878' -149'	2874' -145'
Wreford	3060' -211'		3052' -323'	3054' -325'
Council Grove Gr.	3168' -435'		3166' -437'	3160' -431'
Pennsylvanian				
Virgilian				
Wabaunsee Gr.				
Shawnee Gr.				
Douglas Gr.				
Heebner	4404' -1674'		4417' -1688'	4420' -1691'
Toronto	4422' -1689'		4434' -1709'	4438' -1711'
Missourian				
Lansing-Kansas City	4534' -1801'		4550' -1821'	4560' -1831'
Desmoinesian				
Marmaton Gr.	5166' -2437'		5164' -2431'	5172' -2443'
Novinger	5234' -2501'		5238' -2509'	5235' -2506'
Cherokee Gr.	5358' -2629'		5355' -2626'	5351' -2622'
Atokian	5504' -2771'		5492' -2673'	5497' -2768'
Morrowian	5688' -2925'		5652' -2923'	5656' -2927'
Chester	5736' -3003'		5733' -3004'	5744' -3015'
Terra Rossa	5922' -3189'		5939' -3210'	5945' -3216'
Mississippian				
Meramecian				
Ste. Genevieve	6001' -3268'		6002' -3274'	6014' -3285'
St. Louis	6088' -3354'		6098' -3369'	6098' -3369'
Total Depth	6167' -3434'		6200' -3471'	6207' -3478'

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STATE COMMISSION

SEP 19 1991

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REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046

INVOICE

OCT 07 1992

HALLIBURTON SERVICES

SEP 19

FROM CONFIDENTIAL A Halliburton Company

CONFIDENTIAL

INVOICE NO.	DATE
142320	08/10/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
BUTLER 1-10		MEADE		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES		CEMENT SURFACE CASING		08/10/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
273943	B. J. MCGRIFF				COMPANY TRUCK	20263

RECEIVED  
AUG 21 1991

ENSIGN OPERATING COMPANY  
1515 AIR PARK AVENUE  
P.O. BOX 2161  
LIBERAL, KS 67905-2161

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	25	MI	2.60	65.00
		1	UNT		
001-016	CEMENTING CASING	1653	FT	1,020.00	1,020.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	8 5/8	IN	130.00	130.00
		1	EA		
16A	CASING SHOE - 8 5/8" 8RD THD.	1	EA	161.00	161.00
830.2171					
24A	INSERT FLOAT VALVE - 8 5/8" 8RD	1	EA	171.00	171.00
815.19502					
27	FILL-UP UNIT 7"- 8 5/8"	1	EA	30.00	30.00
815.19415					
66	FASGRIP LIMIT CLAMP 8 5/8"	1	EA	13.75	13.75
807.64056					
40	CENTRALIZER 8-5/8" MODEL S-4	2	EA	62.00	124.00
807.93059					
350	HALLIBURTON WELD-A	1	LB	11.50	11.50
890.10802					
504-050	PREMIUM PLUS CEMENT	150	SK	7.08	1,062.00
504-120	HALL. LIGHT -PREMIUM PLUS	550	SK	6.63	3,646.50
507-210	FLOCELE	138	LB	1.30	179.40
509-406	ANHYDROUS CALCIUM CHLORIDE	13	SK	26.25	341.25
500-207	BULK SERVICE CHARGE	735	CFT	1.15	845.25
500-306	MILEAGE CMTG MAT DEL OR RETURN	1814.973	TMI	.80	1,451.98
INVOICE SUBTOTAL					9,252.63
DISCOUNT-(BID)					1,850.52-
INVOICE BID AMOUNT					7,402.11
*-KANSAS STATE SALES TAX					277.70
***** CONTINUED ON NEXT PAGE *****					

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STATE CORPORATION COMMISSION  
SEP 19 1991  
CONSERVATION DIVISION  
Wichita, Kansas

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO

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ORIGINAL KCO

P.O. BOX 951046  
DALLAS, TX 75395-1046

INVOICE

OCT 07 1992

HALLIBURTON SERVICES

SEP 19

INVOICE NO.

DATE

142320

08/10/1991

FROM CONFIDENTIAL

A Halliburton Company

CONFIDENTIAL

WELL LEASE NO./PLANT NAME

WELL/PLANT LOCATION

STATE

WELL/PLANT OWNER

BUTLER 1-10

MEADE

KS

SAME

SERVICE LOCATION

CONTRACTOR

JOB PURPOSE

TICKET DATE

LIBERAL

GABBERT & JONES

CEMENT SURFACE CASING

08/10/1991

ACCT NO.

CUSTOMER AGENT

VENDOR NO.

CUSTOMER P.O. NUMBER

SHIPPED VIA

FILE NO.

273943

B. J. MCGRIFF

COMPANY TRUCK

20263

ENSIGN OPERATING COMPANY  
1515 AIR PARK AVENUE  
P.O. BOX 2161  
LIBERAL, KS 67905-2161

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

PRICE/REF. NO.

DESCRIPTION

QUANTITY

U/M

UNIT PRICE

AMOUNT

\*-SEWARD COUNTY SALES TAX

65.35

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AUG 21 1991  
ENSIGN OIL & GAS INC.

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STATE CORPORATION COMMISSION

SEP 19 1991

CONSERVATION DIVISION  
Wichita, Kansas

5/20  
*[Signature]*

Butler 1-10  
*[Signature]*

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

\$7,745.16

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND



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OCT 07 1992



P.O. BOX 951046  
DALLAS, TX 75395-1046

INVOICE

FROM CONFIDENTIAL

A Halliburton Company

KCC

INVOICE NO.	DATE
142331	08/23/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
BUTLER 1-10		MEADE		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #8		PLUG TO ABANDON		08/23/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
273943	B. J. MCGRIFF				COMPANY TRUCK	21124

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ENSIGN OPERATING COMPANY  
1515 AIR PARK AVENUE  
P.O. BOX 2161  
LIBERAL, KS 67905-2161

ENSIGN OIL & GAS INC

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
<b>PRICING AREA - MID CONTINENT</b>					
000-117	MILEAGE	27	MI	2.60	70.20
		1	UNT		
009-019	PLUGGING BK SPOT CEMENT OR MUD	1680	FT	1,035.00	1,035.00
		1	UNT		
504-043	PREMIUM CEMENT	75	SK	6.85	513.75
506-105	POZMIX A	50	SK	4.32	216.00
506-121	HALLIBURTON-GEL 2%	2	SK	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	4	SK	14.75	59.00
500-207	BULK SERVICE CHARGE	133	CFT	1.15	152.95
500-306	MILEAGE CMTG MAT DEL OR RETURN	358.59	TMI	.80	286.87
<b>INVOICE SUBTOTAL</b>					<b>2,333.77</b>
<b>DISCOUNT-(BID)</b>					<b>466.75-</b>
<b>INVOICE BID AMOUNT</b>					<b>1,867.02</b>
<b>INVOICE TOTAL - PLEASE PAY THIS AMOUNT</b>					<b>\$1,867.02</b>

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STATE CORPORATION COMMISSION

SEP 19 1991

CONSERVATION DIVISION  
Wichita, Kansas

*Butler 1-10  
Rivaker*

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND