

ORIGINAL

SIDE ONE

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

API NO. 15- 093-21-130-0000

County Kearny

SW SW Sec. 11 Twp. 24 Rge. 37 XX East West

660 Ft. North from Southeast Corner of Section

4950 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

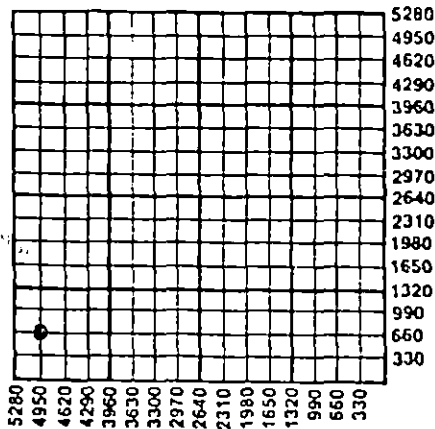
Lease Name Loeppke Well # 2-11

Field Name Hartland

Producing Formation Lansing G

Elevation: Ground 3257.83 KB 3270.

Depth 5100 PBD 5055



Amount of Surface Pipe Set and Cemented at 1846 Feet

Multiple Stage Cementing Collar Used? XX Yes      No

If yes, show depth set 3263 Feet

If Alternate II completion, cement circulated from     

feet depth to      w/      sx cmt.

Operator: License # 4328

Name: Global Natural Resources Corp.

Address P. O. Box 4682

City/State/Zip Houston, Texas 77210

Purchaser: Central Crude

Operator Contact Person: Melynda Mosley

Phone (713) 880-5464

Contractor: Name: Beredco, Inc.

License: 5147

Wellsite Geologist: Robert Hojnacki

Designate Type of Completion

XX New Well      Re-Entry      Workover

XX Oil      SWD      Temp. Abd. 2-8-91

     Gas      Inj      Delayed Comp. 8 1991

     Dry      Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator:     

Well Name:     

Comp. Date      Old Total Depth     

Drilling Method:

XX Mud Rotary      Air Rotary      Cable

11/15/90 11/27/90 12/16/90

Spud Date Date Reached TD Completion Date

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 Melynda K Mosley

Title Regulatory Analyst Date 1/28/91

Subscribed and sworn to before me this 28th day of January, 19 91.

Notary Public Nancy D. Kipron

Date Commission Expires 11-15-93

K.C.C. OFFICE USE ONLY

F  Letter of Confidentiality Attached

C  Wireline Log Received

C  Drillers Timelog Received

Distribution

KCC  SWD/Rep  NGPA

KGS  Plug  Other (Specify)

AM10190

SIDE TWO

Operator Name Global Natural Resources Corp. Lease Name Loepke Well # 2-11

Sec. 11 Twp. 24 Rge. 37  East  West  
County Kearny

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.)

**CONFIDENTIAL** Formation Description

Log  Sample

Name	Top	Bottom
Heebner	3748	
Lansing	3799	
Kansas City	4127	
Marmaton	4328	
Pawnee	4407	
Atoka	4574	
Morrow	4702	
St. Genevieve	4868	
St. Louis	4940	

DST see attachment

**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
Surface	12-1/4	8-5/8	23	1646	35/65 Poz	575	2% Gel
Production	7-7/8	5-1/2	14	5099	Class C	125	2% CaCl
					Thickset	315	5% KCL
					Howco Lite	450	2% CaCl

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4003-4006'	Sqzd w/50 sx Class A	4003-6
		Acidized w/250 gal 15% FE acid	4003-6

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8	4079		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production 1/21/91	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 158.50	Gas Mcf 0	Water Bbls. 0	Gas-Oil Ratio 0	Gravity 32.2
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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: 4003-4006'

ORIGINAL

GLOBAL NATURAL RESOURCES CORPORATION

LOEPPKE WELL NO. 2-11

KEARNY COUNTY, KANSAS

CONFIDENTIAL

- DST #1 4208-4234' Rec 40' clean oil, 60' gassy oil cut mud, 5% gas, 15% oil, 80% mud. IHP 1822, IFP 20-52, ISIP 889, FFP 62-83, FSIP 859, FFP 62-83, FSIP 859, FHP 1802.
- DST #2 4002-4016' Rec 285' gas in pipe, 1585' clear gassy oil, IHP 1942, IFP 93-395, ISIP 1025, FFP 457-669, FSIP 1020, FHP 1872.
- DST #3 4042-4052' Rec 1360' salt water, chl 25,000. IHP 1942, IFP 41-363, ISIP 1040, FFP 405-629, FSIP 1160, FHP 1922.
- DST #4 4405-4427' Rec 10' mud. IHP 2123, IFP 20-31, ISIP 1130, FFP 4141, FSIP 1080, FHP 2063.

JAN 25  
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RELEASED

FEB 23 1993  
STATE OF KANSAS  
FROM CONFIDENTIAL  
FEB 8 1991



WILMINGTON INCORPORATED

REMITTANCE

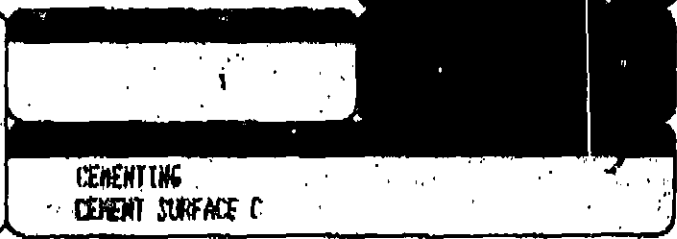
REMIT TO: 15-093-21130-0000  
P O BOX 201556  
HOUSTON TX 77216

# INVOICE

## ORIGINAL

0312

914212  
GLOBAL NATURAL RESOURCES CORP  
P O BOX 749  
SANTANA KS 67870



CEMENTING  
CEMENT SURFACE C

KS	KEARNEY	WYLSSES KS	KS
		11/16/90	KENNY COLNLS

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
059200000	WILEAGE, ALL OTHER EQUIPMENT	MT	36	2.6500	95.40
102071020	CSMG CHMT 1501-2000' 1ST CHR	GHR	1	1,000.0000	1,000.00
049102000	TRANSPORTATION CHMT TOM WILE	MT	1191	.8000	952.80
049100000	SERVICE CHG CEMENT NATL LAND	CFT	775	1.1500	891.25
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	125.0000	125.00
040003000	0903, CEMENT CLASS C	CFT	499	7.7500	3,867.25
043000000	D35, LITEPOZ 3 EXTENDER	CFT	201	3.5000	703.50
045010050	020, BENTONITE EXTENDER	LBS	3001	.1600	480.16
067005100	SI, CALCIUM CHLORIDE	LBS	1235	.3400	419.90
044003025	029, CELLOPHANE FLAKES	LBS	144	1.4500	208.80
050101000	SHOE CEM TYPE GUIDE 8-5/8"	EA	1	235.0000	235.00
053003005	INSERT ORIFICE FILL 8-5/8"	EA	1	320.0000	320.00
056011000	CENTR REG 8-5/8, 8 DIA 12"	EA	3	72.0000	216.00
056704000	PLUG CENG 8-5/8" TOP M. CORE	EA	1	150.0000	150.00
057499001	K232, THD LKG COMPOUND KIT	EA	1	23.5000	23.50
055010005	ROCK STOP HAMMER 8-5/8"	EA	1	22.0000	22.00
	DISCOUNT - MATERIAL				1,860.91
	DISCOUNT - SERVICE				050.04
				SUB TOTAL --	6,991.61
N F C	STATE TAX ON			4,785.20	203.37
N F C	LOCAL TAX ON			4,785.20	47.85
				AMOUNT DUE --	7,242.83

JAN 25  
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RELEASED

FEB 23 1993

FROM CONFIDENTIAL

2-11

*Supp*

*CS*

FEB 8 1991

WITH QUESTIONS CALL 316-356-1272

FEDERAL TAX ID # 38-239-7173

TERMS -- NET 30 DAYS DUE ON OR BEFORE DEC 17, 1990

THANK YOU, WE APPRECIATE YOUR BUSINESS.

*Larry A. Kolstad*  
G A KOLSTAD



15-093-21135-0000

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

HALLIBURTON SERVICES

ORIGINAL

INVOICE

293450

A Halliburton Company

INVOICE NO.	DATE
043451	11/27/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
LOEPPKE 2-11		KEARNY		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		BEREDCO DRLG. 1		CEMENT PRODUCTION CASING		11/27/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO	
327731	ORAL SHUMAN			COMPANY TRUCK	06242	

GLOBAL NATURAL RESOURCES  
P.O. BOX 1103  
LIBERAL, KS 67905-1103

DIRECT CORRESPONDENCE TO:  
SUITE 1300  
LIBERTY TOWER  
100 BROADWAY AVENUE  
OKLAHOMA CITY, OK 73102-0000

9/10/29

JAN 25

CONFIDENTIAL

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
<b>PRICING AREA - MID CONTINENT</b>					
000-117	MILEAGE	39	MI	2.35	91.65
000-118	MILEAGE SURCHARGE-CEMENT-LAND	39	MI	.40	15.60
007-013	MULT STAGE CEMENTING-1ST STAGE	5100	FT	1,325.00	1,325.00
001-016		1	UNT		
007-161	MULT STAGE CEMENTING-ADD STAGE	1	STG	950.00	950.00
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	104.00	104.00
825.205					
4A	FLOAT COLLAR-SSII-5-1/2. 8RD	1	EA	253.00	253.00
836.07100					
40	CENTRALIZER ASSY-S-4- 4-1/2	10	EA	44.00	440.00
807.93022					
66	FASGRIP LIMIT CLAMP 5 1/2"	1	EA	11.30	11.30
807.64031					
71	MULT STAGE CMTR-5-1/2 8RD	1	EA	2,450.00	2,450.00
813.80300					
75	PLUG SET 5 1/2"	1	EA	400.00	400.00
812.0162					
320	CEMENT BASKET 5 1/2"	1	EA	90.00	90.00
800.8883					
350	HALLIBURTON WELD	1	LB	11.00	11.00
890.10802					
018-317	SUPER FLUSH	10	SK	74.00	740.00
218-738	CLAYFIX II	2	GAL	20.00	40.00
504-043	PREMIUM CEMENT	315	SK	6.85	2,157.75
508-002	POTASSIUM CHLORIDE	700	LB	.25	175.00
508-101	THIXSET COMPONENT A	296	LB	5.35	1,583.60
508-103	THIXSET COMPONENT B	74	LB	7.45	551.30
504-120	HALL. LIGHT -PREMIUM PLUS	450	SK	6.29	2,830.50
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	25.75	206.00

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

AFFIX JOB TKT

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 FEE FOR COLLECTION OF SAID ACCOUNT. CUSTOMER AGREES TO PAY THE AMOUNT OF THE UNPAID ACCOUNT.



HALLIBURTON SERVICES ORIGINAL

INVOICE

293450

A Halliburton Company

15-073-21130-0000

INVOICE NO.	DATE
043451	11/27/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
LOEPPKE 2-11		KEARNY		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		BEREDCO DR LG. 1		CEMENT PRODUCTION CASING		11/27/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
327731	ORAL SHUMAN				COMPANY TRUCK	06242

GLOBAL NATURAL RESOURCES  
P.O. BOX 1103  
LIBERAL, KS 67905-1103

DIRECT CORRESPONDENCE TO:  
SUITE 1300  
LIBERTY TOWER  
100 BROADWAY AVENUE  
OKLAHOMA CITY, OK 73102-0000

9/1/91

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
500-307	MILEAGE SURCHARGE-CEMENT MAT.	1374.95	TMI	.10	137.50
500-207	BULK SERVICE CHARGE	781	CFT	1.10	859.10
500-306	MILEAGE CMTG MAT DEL OR RETURN	1374.95	TMI	.75	1,031.21
INVOICE SUBTOTAL					16,453.51
DISCOUNT-(SALES)					894.89-
DISCOUNT-(SPECIAL)					2,538.84-
*-KANSAS STATE SALES TAX					441.14
*-SEWARD COUNTY SALES TAX					103.80
<b>INVOICE TOTAL - PLEASE PAY THIS AMOUNT</b>					<b>\$13,564.72</b>

JAN 25  
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FEB 23 1993

FROM CONFIDENTIAL

FFR 8 1991

W: 151,810  
2-11  
1511810  
1550  
125  
DRK  
BYU

AFFIX JOB TKT 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 ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



# HALLIBURTON SERVICES ORIGINAL

INVOICE

A Halliburton Company

INVOICE NO.	DATE
043262	12/10/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
LOEPPKE 2-11		KEARNY		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		MID-WESTERN		SQUEEZE PERFORATIONS		12/10/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
327731	ORAL L. SHUMAN			COMPANY TRUCK	07453	

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 JAN 25  
 CONFIDENTIAL

GLOBAL NATURAL RESOURCES  
 P.O. BOX 1103  
 LIBERAL, KS 67905-1103

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	1	MI	2.35	2.35
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	1	MI	.40	.40
		1	UNT		
009-134	CEMENT SQUEEZE	4006	FT	1,200.00	1,200.00
009-019		1	UNT		
000-119	MILEAGE FOR CREW 12-11-90	80	MI	1.25	100.00
		1	UNT		
000-120	MILEAGE SURCHARGE-CEMENT CREW	80	MI	.20	16.00
		1	UNT		
009-134	CEMENT SQUEEZE	4006	FT	1,200.00	1,200.00
009-019		1	UNT		
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50
500-307	MILEAGE SURCHARGE-CEMENT MAT.	274.95	TMI	.10	27.50
500-207	BULK SERVICE CHARGE	150	CFT	1.10	165.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	274.95	TMI	.75	206.21
504-043	PREMIUM CEMENT	50	SK	6.85	342.50
500-307	MILEAGE SURCHARGE-CEMENT MAT.	91.65	TMI	.10	9.17
500-207	BULK SERVICE CHARGE	50	CFT	1.10	55.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	91.65	TMI	.75	68.74
	<b>INVOICE SUBTOTAL</b>				<b>4,420.37</b>
	<b>DISCOUNT-(SPECIAL)</b>				<b>884.07-</b>
	<b>*-KANSAS STATE SALES TAX</b>				<b>145.11</b>
	<b>*-SEWARD COUNTY SALES TAX</b>				<b>34.14</b>
	<b>INVOICE TOTAL - PLEASE PAY THIS AMOUNT</b>				<b>\$3,715.55</b>

2-11  
 15/1810

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FEB 8 1991