

K

ORIGINAL

SIDE ONE JAN 25

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

CONFIDENTIAL
RELEASED
County Kearny
No. 93-21,144-0000

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

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: 2-8-91

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

11/29/90 12/9/90 12/21/90

Spud Date Date Reached TD Completion Date

NE 03 NE NE Sec. 15 Twp. 24 Rge. 37 East West

4950 Ft. North from Southeast Corner of Section

330 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

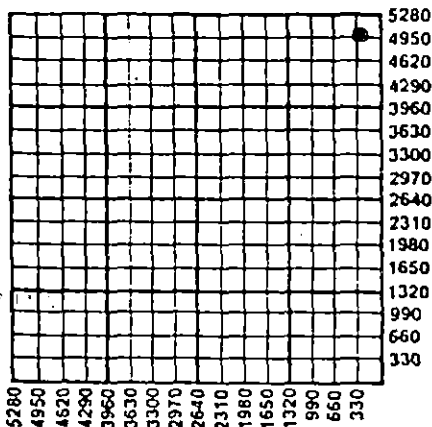
Lease Name Graber Well # 1-15

Field Name Hartland

Producing Formation St. Louis C

Elevation: Ground 3253.90 KB 3266

Total Depth 5080 PBD 5036



Amount of Surface Pipe Set and Cemented at 1650 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 3321 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

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 Mary D. Givron
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)

SIDE TWO

Operator Name Global Natural Resources Corp. Lease Name Graber Well # 1-15

Sec. 15 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.

CONFIDENTIAL

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.)

Formation Description

Log Sample

Name	Top	Bottom
Heebner	3743	
Lansing	3798	
Kansas City	4122	
Marmaton	4318	
Pawnee	4400	
Atoka	4566	
Morrow	4566	
St. Genevieve	4876	
St. Louis	4936	

DST #1 4941-5080'
Rec 1750' gas in pipe, 90' gas-cut oil, 180' frothy mud cut oil, 275' heavy forthy mud cut oil. IHP 2413, FFP 145-197, TFP 62-104, FSIP 1130, ISIP 1140, FHP 2393.

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	24	1650	Howco Lite	560	2% CaCl
Production	7-7/8	4-1/2	10.5	5080	Prem Plus	150	2% CaCl
					Thickset	290	2% KCL
					Prem Lite	350	2% CaCl

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

4	4941-4948' & 4950-4954'		

TUBING RECORD

Size 2-3/8 Set At 5020 Packer At Liner Run Yes No

Date of First Production 1/21/91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 122.96 Bbls. Gas 0 Mcf Water 0 Bbls. Gas-Oil Ratio 0 Gravity 35.5

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

4941-48'

4950-54'

HALLIBURTON SERVICES

ORIGINAL

INVOICE

A Halliburton Company

15-093-21144-0000

INVOICE NO.	DATE
043180	11/30/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
GRABER 1-15		KEARNY		KS	SAME	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL		BEREDCO #1	CEMENT SURFACE CASING		11/30/1990	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
327731	KENNY COLLINS		11/23/1993	COMPANY TRUCK	06431	

FROM CONFIDENTIAL

DIRECT CORRESPONDENCE TO:

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

JAN 25

SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

CONFIDENTIAL

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	100	MI	2.35	235.00
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	100	MI	.40	40.00
		1	UNT		
001-016	CEMENTING CASING	1658	FT	945.00	945.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	8 5/8	IN	100.00	100.00
		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	29.00	29.00
815.19414					
40	CENTRALIZER 8-5/8" MODEL S-4	3	EA	53.00	159.00
807.93059					
504-120	HALL. LIGHT -PREMIUM PLUS	560	SK	6.29	3,522.40
504-050	PREMIUM PLUS CEMENT	150	SK	7.08	1,062.00
509-406	ANHYDROUS CALCIUM CHLORIDE	13	SK	25.75	334.75
507-210	FLOCELE	178	LB	1.30	231.40
500-207	BULK SERVICE CHARGE	748	CFT	1.10	822.80
500-306	MILEAGE CMTG MAT DEL OR RETURN	1339.220	TMI	.75	1,004.42
500-307	MILEAGE SURCHARGE-CEMENT MAT.	1339.220	TMI	.10	133.92
<p>1-15 INVOICE SUBTOTAL Graber 1511860 1550450 -125</p> <p>DISCOUNT-(SALES) DISCOUNT-(SPECIAL)</p> <p>*-KANSAS STATE SALES TAX *-SEWARD COUNTY SALES TAX</p>					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$6,776.03

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



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

INVOICE

HALLIBURTON SERVICES ORIGINAL

A Halliburton Company

15-093-21144-0000

INVOICE NO.	DATE
043261	12/09/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
GRABER 1-15		KEARNY		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		BEREDCO		CEMENT PRODUCTION CASING		12/09/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
327731	ORAL L. SHUMAN	RELEASED		COMPANY TRUCK	06998	

FEB 23 1993

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

DIRECT CORRESPONDENCE TO:
FROM CONFIDENTIAL
JAN 25
CONFIDENTIAL
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	38	MI	2.35	89.30
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	38	MI	.40	15.20
		1	UNT		
007-013	MULT STAGE CEMENTING-1ST STAGE	5080	FT	1,325.00	1,325.00
001-016		1	UNT		
007-161	MULT STAGE CEMENTING-ADD STAGE	1	STG	950.00	950.00
		1	UNT		
018-317	SUPER FLUSH	20	SK	74.00	1,480.00
218-738	CLAYFIX II	2	GAL	20.00	40.00
12A	GUIDE SHOE - 4 1/2" 8RD THD.	1	EA	83.00	83.00
825.201					
4A	FLOAT COLLAR-SSII-4-1/2 8RD	1	EA	198.00	198.00
836.00300					
40	CENTRALIZER 4-1/2" MODEL S-4	10	EA	41.00	410.00
807.93004					
66	FASGRIP LIMIT CLAMP 4 1/2"	1	EA	9.60	9.60
807.64021					
350	HALLIBURTON WELD-A	1	LB	11.00	11.00
890.10802					
320	CEMENT BASKET 4 1/2"	1	EA	85.00	85.00
800.8881					
71	MULT STAGE CMTR-4-1/2 8RD	1	EA	2,350.00	2,350.00
813.80100					
75	PLUG SET 4 1/2"	1	EA	330.00	330.00
812.0112					
504-043	PREMIUM CEMENT	290	SK	6.85	1,986.50
508-002	POTASSIUM CHLORIDE	300	LB	.25	75.00
508-101	THIXSET COMPONENT A	272	LB	5.35	1,455.20
508-103	THIXSET COMPONENT B	68	LB	7.45	506.60
504-118	HALLIBURTON LIGHT CEMENT -PREM	350	SK	6.16	2,156.00
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	25.75	154.50

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

FORM 1900 R4
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