

ORIGINAL

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

Operator: License # 8996

Name: Mid Continent Resources

Address P.O. Box 399

Garden City, KS 67846

City/State/Zip _____

Purchaser: Kansas Gas Supply

Operator Contact Person: Michael J. Wreath

Phone (316) 275-2963

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: Michael J. Wreath

Designate Type of Completion

New Well Re-Entry Workover

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

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

Operator: N/A

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. _____

5/13/92 5/20/92 7/01/92
Spud Date Date Reached TD Completion Date

API NO. 15- 033-20,848-00-00

County Comanche

App. C - S/2 - NE Sec. 1 Twp. 31 Rng. 17 E

1980 Feet from S/N (circle one) Line of Section

1250 Feet from E/W (circle one) Line of Section

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

Lease Name NIELSEN UNIT Well # 2

Field Name Glick

Producing Formation Mississippian

Elevation: Ground 2070' KB 2075'

Total Depth 4975 PBTD 4946'

Amount of Surface Pipe Set and Cemented at 505' 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 1 10/1/92 JAH
(Data must be collected from the Reserve Pit)

Chloride content 6500 ppm Fluid volume +300 bbls

Dewatering method used Evaporation & Haul Free water

Location of fluid disposal if hauled offsite:
Free water only from reserve pit

Operator Name KBN Oil & Gas Company

Lease Name Harmon License No. 5993

NW/4 Quarter. Sec. 11 Twp. 33 S Rng. 20 E/W

County Comanche Docket No. D-98329

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 _____ County, _____ State of Kansas knowledge.

DONNITA L THODE
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 11/9/94

8-20-92

Signature Michael J. Wreath

Title Company Geologist Date July 28, 1992

Subscribed and sworn to before me this 26 day of July, 19 92.

Notary Public Donnita L Thode

Date Commission Expires 11/9/94

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
STATE CORPORATION COMMISSION
Distribution
 KCC SWD NGPA
 KGS Plug Other
AUG 20 1992
CONSERVATION DIVISION
WICHITA, KANSAS

Operator Name AMERICAN WARRIOR, INC. Lease Name NIELSEN UNIT Well # 2

Sec. 1 Twp. 31 Rge. 17 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) List All E.Logs Run: Dual Induction, Caliper, Compensated density, Neutron porosity, Gamma Ray, Formation Evaluation, Cement Bond	<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Formation (Top), Depth and Datum <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> </thead> <tbody> <tr><td>BaseHeebner</td><td>4133</td><td>-2058</td></tr> <tr><td>Toronto</td><td>4150</td><td>-2075</td></tr> <tr><td>Douglas Shale</td><td>4172</td><td>-2097</td></tr> <tr><td>Douglas Sand</td><td>4181</td><td>-2106</td></tr> <tr><td>Brown Lime</td><td>4295</td><td>-2220</td></tr> <tr><td>Lansing</td><td>4314</td><td>-2239</td></tr> <tr><td>BKC</td><td>4674</td><td>-2599</td></tr> <tr><td>Cherokee Shade</td><td>4863</td><td>-2788</td></tr> <tr><td>Mississippi Chart</td><td>4899</td><td>-2824</td></tr> <tr><td>TD</td><td>4974</td><td>-2899</td></tr> </tbody> </table>	Name	Top	Datum	BaseHeebner	4133	-2058	Toronto	4150	-2075	Douglas Shale	4172	-2097	Douglas Sand	4181	-2106	Brown Lime	4295	-2220	Lansing	4314	-2239	BKC	4674	-2599	Cherokee Shade	4863	-2788	Mississippi Chart	4899	-2824	TD	4974	-2899
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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"	28#	505'	H.L.C. 60/40poz	185 100	3%CC 2%gel
production	7-7/8"	4-1/2"	10.5#	4970'	Shurfill	100	5#gilsonite 2% CC

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
4	Perf.: 4899-4906	Acid 500gal. 10%w/189,000SCFNitrogen	4899-4906
		Prac: 218,000SCFNitrogen	
		3000lbs. 20-40 sand	4899-4906
		2500lbs. 12-20 sand	

TUBING RECORD	Size 2 3/8"	Set At 4900'	Packer At NONE	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. SI		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 150 Mcf	Water 20 Bbls.	Gas-Oil Ratio — Gravity —

Disposition of Gas: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	Production Interval 4899-4906
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ORIGINAL

Mid Continent Resources
Nielson Unit #2
Comanche County, KS.

DST No.1 4884-4911

Testing periods: 60"-60"-60"-60"

Blow: IF: GTS in 2"

1½" orifice:	5"	937,000 CFPD	BTU/FT3 Dry 1070
	10"	1,023,000 CFPD	BTU/FT3 Saturated 1052
	20"	1,023,000 CFPD	
	30"	980,000 CFPD	
	40"	980,000 CFPD	
	50"	937,000 CFPD	
	60"	893,000 CFPD	
FF:	10"	893,000 CFPD	
	20"	893,000 CFPD	
	30"	893,000 CFPD	
	40"	847,000 CFPD	
	50"	847,000 CFPD	
	60"	802,000 CFPD	

Recovered: 25' slight gas cut mud; 3% gas, 97% mud, No water

Pressures: IFP: 277-218 lbs. FFP: 213-188 lbs.

ISIP: 736 lbs. FSIP: 652 lbs.

HH: 2486-2443 lbs.

Temperature: 125° F.

RECEIVED
STATE CORPORATION COMMISSION

AUG 20 1992

CONSERVATION DIVISION
Topeka, Kansas

ORIGINAL



HEMILL IO:
P.O. BOX 951046
DALLAS, TX 75395-1046

HALLIBURTON SERVICES

INVOICE

A Halliburton Company

INVOICE NO.	DATE
214807	05/14/19

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
NEILSEN UNIT 2		COMANCHE		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
PRATT	ALLEN DRLG CO	CEMENT SURFACE CASING		05/14/19	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA.	FILE
018808	RICHARD STEVENSON			COMPANY TRUCK	342

AMERICAN WARRIOR
BOX 399
GARDEN CITY, KS 67846

1330

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 - EASTERN AREA 1					
000-117	MILEAGE	25	MI	2.60	65.00
		1	UNT		
001-016	CEMENTING CASING	505	FT	680.00	680.00
		1	UNT		
030-503	CMTG. PLUG LA-11, CP-1, CP-3, TOP	8.625	IN	90.00	90.00
		1	EA		
320	CEMENT BASKET 8 5/8"	1	EA	122.00	122.00
800.8888					
504-316	HALLIBURTON LIGHT W/STANDARD	185	SK	5.64	1,043.40
504-308	STANDARD CEMENT	60	SK	5.88	352.80
506-105	POZMIX A	40	SK	3.29	131.60
506-121	HALLIBURTON-GEL. 2%	2	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	26.50	212.00
500-207	BULK SERVICE CHARGE	301	CFR	1.15	346.15
500-306	MILEAGE CMTG MAT DEL OR RETURN	330.86	TM1	.80	264.69
INVOICE SUBTOTAL					3,307.64
DISCOUNT - (BID)					594.68
INVOICE BID AMOUNT					2,712.96
*-KANSAS STATE SALES TAX					83.76
*-PRATT COUNTY SALES TAX					19.70
INVOICE TOTAL PLEASE PAY THIS AMOUNT					

5080 G 20505-2

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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 ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND



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INVOICE DATE

05/21/92

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: BJ SERVICES CO. USA P.O. BOX 297476 HOUSTON, TX 77297
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PAGE 1	INVOICE NO. 071721
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AUTHORIZED BY 071721

PURCH. ORDER REF. NO.

AMERICAN WARRIOR

BOX 399
GARDEN CITY KS 67846

WELL NUMBER : 2

CUSTOMER NUMBER : 8727 0

LEASE NAME AND NUMBER NIELSEN UNIT	STATE 14	COUNTY/PARISH 1407	CITY	DISTRICT NAME Medicine Lodge	DISTR. NO. 584
JOB LOCATION/FIELD GLICK	MTA DISTRICT		DATE OF JOB 05/21/92	TYPE OF SERVICE LARD-LONG STRING/PRODUCT	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100326	1.00	CEMENT CASING 4,501 TO 5,000 FEET	1326.00		1,326.00
10109005	35.00	MILEAGE CHRG. FROM NEAREST BASE OF	2.47		86.45
10409600	1.00	4 1/2" GUIDE SHOE	109.00	GAL	109.00
10409600	1.00	4 1/2" AFU INSERT	168.00	GAL	168.00
10409600	6.00	4 1/2" CENTRALIZERS	43.55	GAL	261.30
10410504	100.00	CLASS "A" CEMENT	5.79	CF	579.00
10415049	94.00	A-7-P CALCIUM CHLORIDE PELLETS	0.48	LB	45.12
10415082	500.00	KOL SEAL	0.35	LB	175.00
10420145	2188.00	BJ GEL, BENTONITE, PER POUND	0.15	LB	28.20
10425010	500.00	MUD-SWEEP, WITH BJ-TITAN PUMPING FE	1.73	GAL	865.00
10428020	564.00	A-10 GYPSEAL	0.23	LB	129.72
10430608	1.00	4 1/2" TOP RESIN/PLASTIC CORE	47.50	EA	47.50

TAX ACCOUNT

20505-2

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CONSERVATION DIVISION
Wichita, Kansas

TAX EXEMPTION STATUS: