

FORM MUST BE TYPED

SIDE ONE

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

Operator: License # 30793
Name: Energy Marketing, Inc.
Address 601 S. Boulder, Suite 600
City/State/Zip Tulsa, Ok 74119
Purchaser: K.P.L.
Operator Contact Person: Mark Reichardt
Phone (918) 583-1600

Contractor: Name: Duke Drilling Co., Inc.
License: 5929

Wellsite Geologist: Arden Ratlaff

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW
 Gas ENHR SIGW
 Dry Other (Core, MSV, Expl., Cathodic, etc)

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

Operator: _____
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. _____

02-02-93 02-09-93 4-28-93
Spud Date Date Reached TD Completion Date

API NO. 15- 095-21,668 - 0000
County Kingman

NE-NE-SE- Sec. 34 Twp. 30 Rgs. 9 E
2260 Feet from NW (circle one) Line of Section
330 Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Keimig-McDaniel Well # 2-34
Field Name Spivey-Grab
Producing Formation MSSP

Elevation: Ground 1700 KB 1709
Total Depth 4570 PBTD
Amount of Surface Pipe Set and Cemented 341 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 cmt.

Drilling Fluid Management Plan Part 1 5-24-93
(Data must be collected from the Reserve Pit)

Chloride content 6000 ppm Fluid volume 600 bbls
Dewatering method used Hauled

Location of fluid disposal if hauled offsite:
5-1-93

Operator Name Attica Gas Venture
License No. _____

Quarter Sec. 27 Twp. 32 S Rng. 10 E/W
County Harper Docket No. 21250

CONSERVATION DIVISION

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 confidentially 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 Mark Reichardt
Title Senior Operations Engineer Date 4-28-93
Subscribed and sworn to before me this 28th day of April, 1993.
Notary Public Karen L. Deel
Date Commission Expires 9-11-93

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Operator Name Energy Marketing, Inc. Lease Name Keimig-McDaniel Well # 2-34
 Sec. 34 Twp. 30 Rge. 9 East County Kingman
 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	TOPEKA	3010	-1301
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	LANSING	3687	-1978
List All E.Logs Run:		KANSAS CITY	4203	-2494
		MSSP	4402	-2693
	DUAL/IND. NEUTRON - DENS. CBL			

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	20#	241'	60/40 poz	190	4%cc 2% gel
Production	7-7/8"	5 1/2"	15.5#	4569'	50/50 poz	300	5#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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
2	4402-4422'	Frac 30,000 lb.

TUBING RECORD Size 2 3/8" Set At 4480' Packer At NONE Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 4-27-93 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>6</u>	Gas Mcf <u>410</u>	Water Bbls. <u>60</u>	Gas-Oil Ratio <u>66,333</u>	Gravity
-----------------------------------	--------------------	--------------------	-----------------------	-----------------------------	---------

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____ Production Interval 4402-22



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 293451

DISTRICT: Pratt, Ks.

APR 28 CONFIDENTIAL

DATE 2-9-93

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO ENERGY MARKETING (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 2-34 LEASE KELMIGS MCDONNELL SEC. 3 TWP. 253 RANGE 8W

FIELD COUNTY KIOWAN STATE Ks. OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME TYPE THICKNESS FROM TO PACKER: TYPE SET AT TOTAL DEPTH 1570 MUD WEIGHT 9.2 BORE HOLE INITIAL PROD: OIL BPD, H2O BPD, GAS MCF PRESENT PROD: OIL BPD, H2O BPD, GAS MCF

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I., SHOTS/FT. Rows include CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED CEMENT 5/2 Casing w/ 12 Bbl Superflush Followed By 325 SKs. 50/50 Poz. 2% Gel. 75% Oil and 322, 10% Salt, 5# Gilsomite Displaced w/ 2% Clu.F.K. lte.

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

- As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice.
b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
1 Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage.
2 Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
3 Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.
c) That 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 products, supplies or materials nor the results of any treatment or service nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton.
d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE.
e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton the cost of replacement unless such loss is due to the sole negligence of Halliburton.
f) To waive the provisions of the applicable Consumer Protection Act, to the extent permitted by law.
g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
h) That Halliburton shall not be bound by any changes or modifications in this contract except when such change or modification is made in writing by a duly authorized executive officer of Halliburton.

FROM CONFIDENTIAL

CONSERVATION DIVISION Wichita, Kansas SIGNED

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

Mark Reichart CUSTOMER

DATE 2-9-93

TIME 19:00 A.M./P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.



HALLIBURTON SERVICES
Oklahoma, Oklahoma 73338

A Division of Halliburton Company

ORIGINAL

TICKET

NO. 295451-2

PAGE 1 OF _____ PAGES

APR 28

FORM 1906 R-11

WELL NO.—FARM OR LEASE NAME KELMUG McDaniel 2-34		COUNTY KINGMAN	STATE Ks.	CITY (OFFSHORE LOCATION) CONFIDENTIAL	DATE 2-9-93
CHARGE TO ENERGY MARKETING		OWNER SAME	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR Duke Delling	LOCATION 1 Prath, Ks.		CODE 25555
CITY, STATE, ZIP		SHIPPED VIA SO120	FREIGHT CHARGES PPD <input type="checkbox"/> COLLECT <input type="checkbox"/>	LOCATION 2	
WELL TYPE O1-OIL	WELL CATEGORY O1-Development	WELL PERMIT NO.	DELIVERED TO LOCATION	LOCATION 3	
TYPE AND PURPOSE OF JOB 5 1/2 Longstring		B-	ORDER NO.	REFERRAL LOCATION	

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. 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. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Halliburton warrants only into the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-117				MILEAGE	4 1/2	MILES	1	Tel.	27.5	123.75
001-016				Pump Charge	43	75			1480.00	1480.00
030-016				Top plug	1EA		5 1/2"		60.00	60.00
018-317				SuperFlush	12	SACKS			100.00	1200.00
12A	825.205			Guide Shoe	1EA		5 1/2"		121.00	121.00
24A	815.19251			Automatic Insert Flbit	1EA		5 1/2"		110.00	110.00
27	815.19315			F.11-up Assembly	1EA				46.50	46.50
40	807.93022			Centralizer	6EA		5 1/2"		44.00	264.00
320	800.8883			Basket	1EA		5 1/2"		110.00	110.00
218-738				(11A-Ex 7D)	10	Gal			21.50	215.00

THIS IS NOT AN INVOICE

RELEASED

APR 28 1994

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

MAY - 1 1993

CONSERVATION DIVISION
Wichita, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B-

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X **MARK REICHARDT**
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X **Mark Reichardt**
CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

John Woodrow
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

CUSTOMER

SUB TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE.