

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: c/o Suite 1100, Bank IV Bldg.  
15 W. 6th St.  
City/State/Zip: Tulsa, OK 74119-5461  
Purchaser: Western Resources  
Operator Contact Person: Mark Reichardt  
Phone (918) 583-1600

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

Wellsite Geologist: Arden Ratzlaff

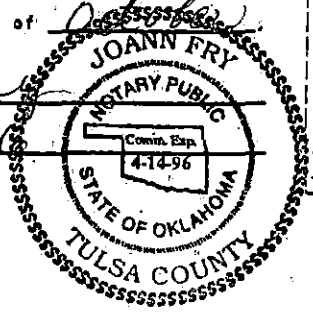
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, VSW, Expl., Cathodic, etc)

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 \_\_\_\_\_ PSTD \_\_\_\_\_  
Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
07-28-94 08-06-94 10-8-94  
Spud Date Date Reached TD Completion Date

APY NO. 15- 095-21,696-0000 ORIGINAL  
County Kingman  
SE. SE. SW. Sec. 32 Twp. 29 Rng. 08 E/W  
330 Feet from S/W (circle one) Line of Section  
2310' Feet from E/W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or S/W (circle one)  
Lease Name Marx-Kinsler Well # 2-32  
Field Name Spivey-Grabs  
Producing Formation Mississippi  
Elevation: Ground 1580 KS 1588'  
Total Depth 4300' PSTD \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 267' 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 ALT 1 J 24 5-15-95  
(Data must be collected from the Reserve Pit)  
Chloride content 30,000 ppm Fluid volume 240 bbls  
Dewatering method used Haul-off  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name Rice Engineering  
Lease Name Catlin License No. 5006  
NW Quarter Sec. 2 Twp. 30S Rng. 7W E/W  
County Kingman Docket No. 7122

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 the best of my knowledge:  
Signature Mark Reichardt  
Title SR. Operations Engineer Date \_\_\_\_\_  
Subscribed and sworn to before me this 31st day of October 19 94  
Notary Public Joann Fry  
Date Commission Expires 4/14/96



RECEIVED STATE CORPORATION COMMISSION NOV 03 1994 NOV 03 1994  
K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality  Filed  
C Wireline Log Received   
C Geologist Report Received   
Distribution  
 KCC  SWD/Rep  NGPA  
 KCS  Plug  Other (Specify)  
CONSERVATION DIVISION WICHITA, KANSAS

Operator Name Energy Marketing, Inc. Lease Name Marx-Kinsler Well # 2-23  
 Sec. 32 Twp. 29 Rgs. 8 County Kingman  
 East  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.)

Log  Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Cherokee	4093	-2505
Mississippi Chat.	4164	-2576
Basal Mississippi	4220	-2632

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run:

Density-Neutron  
Resistivity

**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#	267'	60/40 poz	175	3% CaCl <sub>2</sub>
Production	7-7/8"	5 1/2"	14#	4299'	50/50 poz	225	2% CaCl <sub>2</sub> 10% SALT 0.75% HALAD-322

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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 SPF	4168-4220'	Frac 56,000# Sand

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	-	4165'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. 10-8-94 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Bbls.	Mcft/Day	Water Bbls.	Gas-Oil Ratio	Gravity
	0	55	0	0		

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 4168-4220'

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

**ALLIED CEMENTING CO., INC.** 00 4746

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

Date	7-28-94	Sec.	32	Twp.	29s	Range	3w	Called Our	1:30 PM	On Location	PM	Job Start	PM 6:30 PM	Finish	PM 6:30 PM
Leas	HARY-KREIER	Well No.	2-32	Location	SPEVY IN, 2w, 1n, 2w N/2			County	KENNEDIAN		State	KANSAS			

Contractor	CO. TOOLS #1	
Type Job	SURFACE CASING	
Hole Size	12 1/4"	T.D.
Csg.	8 5/8" 24#	Depth
Tbg. Size		Depth
Drill Pipe		Depth
Tool		Depth
Cement Left in Csg.	15'	Shoe Joint
Press Max.		Minimum
Meas Line		Displace
Perf.		

Owner	CELZ RESOURCES
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Charge To	DUKE DRIG Co.
Street	
City	State
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
x	<i>[Signature]</i>
	<b>CEMENT</b>

**EQUIPMENT**

Pumptrk	No.	Cementer	K. PRUNBARDT
	237	Helper	N. RPP
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	No.	Driver	W. PRUNBARDT
Bulktrk	227	Driver	

Amount Ordered	175 ex 60:40:2 + 3% Paciz
Consisting of	
Common	10S
Poz. Mix	70
Gel.	
Chloride	
Quickset	
Handling	175
Mileage	175
Sales Tax	

<b>DEPTH of Job</b>	
Reference:	1 PUMP CHARGE
	1 RELEASE ON PUMP
	1 8 5/8" WOODEN PUC
	Sub Total
	Tax
	Total

Sub Total	
Total	
Floating Equipment	

Remarks:  
 CEMENT 8 5/8" CASING WITH  
 175 ex 60:40:2 + 3% Paciz  
 CEMENT LEW (CIRCULATE)

RECEIVED  
 STATE CORPORATION COMMISSION  
 NOV 03 1994  
 CONSOLIDATION DIVISION  
 WIGHTMAN, KANSAS

## GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

**DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

**SERVICE CONDITIONS AND LIABILITIES:** 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

**WARRANTIES:** 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.



DATE 8-6-94 PAGE NO. 1

JOB LOG HAL-2013-C

CUSTOMER ENERGY MARKETING INC. WELL NO. 2-32 LEASE MARK KINSLER JOB TYPE DEMENT TICKET NO. 614500

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	00:01							CALLED OUT
	03:00							ON LOCATION ORIGINAL
	04:55							1 1/2" SMALL BOUND OIL CASE. START LOG. GUIDE SILE INSERT & FILLUP SILE ST. 31.38' CENTRALIZES ON COLLARS 1-4-7-10-13-16 DEMENT BASKET ON ST # 7
	07:32		5				300 <sup>NO.</sup>	BLEAK W.C. RUN H <sub>2</sub> O SPACER RUN SUPERFLUENT (12 BLS) RUN H <sub>2</sub> O SPACER
	07:40		17					MIX W.C.
	07:46		20					RUN RATTAG
	07:50		0					350 <sup>NO.</sup> Pumping Down C3C.
	08:04		52.10					FINISHED W.C. SHUT IN FLESH LINES
	08:09	6	0				500 <sup>NO.</sup>	RELEASE PLUG START DISP.
	08:36	5	102				1100	SLOW RATE PLUG DOWN RELEASED & FEED
	09:30							WASH UP PACK UP JOB COMP.



# HALLIBURTON SUMMARY

HALLIBURTON LOCATION

TREAT #5

BILLED ON TICKET NO.

## WELL DATA

FIELD \_\_\_\_\_ SEC. 32 TWP. 22S RANG. 7W COUNTY Kingman STATE TX

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PBI ALLOWABLE
CASING		14'	5 1/2"		4501	
LINER						
TUBING						
OPEN HOLE				46	4500	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

## JOB DATA

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>11.6 C.S.</u>	1	11.6 C.S.
FLOAT SHOE <u>11.6 C.S.</u>	1	11.6 C.S.
GUIDE SHOE	1	H.E.S.
CENTRALIZERS	6	H.E.S.
BOTTOM PLUG		
TOP PLUG	1	H.E.S.
HEAD <u>P.C.</u>	1	H.E.S.
PACKER		
OTHER <u>11.6 C.S.</u>	1	11.6 C.S.

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-4</u>	DATE <u>8-6</u>	DATE <u>5-6</u>	DATE <u>8-6</u>
TIME <u>0001</u>	TIME <u>0300</u>	TIME <u>0730</u>	TIME <u>0930</u>

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>M. GILBERT</u>	<u>38423</u>	<u>PRATT KS.</u>
<u>A. GIOIA-BEHL</u>	<u>50120</u>	<u>PRATT KS.</u>
<u>M. L. CANNON</u>	<u>3734-7188</u>	<u>PRATT KS.</u>

### MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT AMT.

DESCRIPTION OF JOB 11.6 C.S. 5 1/2" PROD 250

JOB DONE THRU: TUBING  CASING  ANNULUS  TSG/ANN.

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR M.R. Bilyard

COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>225</u>	<u>50 BBL / 20 STD</u>	<u>2% LCC 10% SACT 175% HALLAD 322</u>			<u>5 1/2" 11.6 C.S.</u>	<u>114</u>	<u>14.14</u>

### PRESSURES IN PSI

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_

HYDRAULIC HORSEPOWER \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET 312.38 REASON 11.6 C.S. FLOAT

## SUMMARY

## VOLUMES

PRESLUSH: BBL.-GAL. 12 TYPE SURFACE CONTROL

LOAD & BKON: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. BBL.-GAL. 104.2

CEMENT SLURRY: BBL.-GAL. 56.10

TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

REMARKS SET 1' OFF BOT.

CUSTOMER: AMT. MARKETING WELL NO: 2-32 JOB TYPE: CEMENT DATE: 5-6-94