

JUN 30 1993

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

API NO. 15- 095-21677-00 00
County Kingman
NW SW SW Sec. 20 Twp. 30 Rge. 7 X W

Operator: License # 30793
Name: Energy Marketing Inc.
601 S. Boulder #600
Address: 600 Petroleum Bldg.
Tulsa, Oklahoma 74119-1306
City/State/ZIP

990 Feet from S/N (circle one) Line of Section
4950 Feet from E/W (circle one) Line of Section

Purchaser: _____
Operator Contact Person: Mark Reichardt
Phone (918): 583-1600

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

Contractor: Name: VAL Energy, Inc.
License: 5822

Lease Name Schuman Well # 4-20

Wellsite Geologist: Arden Ratzlaff
Designate Type of Completion
 New Well Re-Entry Workover

Field Name Spivey Grabs
Producing Formation Mississippian

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

Elevation: Ground 1583 KB 1588
Total Depth 4450 PBTD _____

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

Amount of Surface Pipe Set and Cemented at 335 Feet

Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

Multiple Stage Cementing Collar Used? Yes No

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD
_____ Plug Back _____ PBTD
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cnt.

6-16-93 6-21-93 7-20-93
Spud Date Date Reached TD Completion Date

Drilling Fluid Management Plan DLT 1
(Data must be collected from the Reserve Pit)

Chloride content 44000 ppm Fluid volume 1280 bbls

Dewatering method used Hauled

Location of fluid disposal if hauled offsite: _____

Operator Name Attica Gas Ventures Inc.

Lease Name Mae Simon License No. 5039

NW Quarter 27 Twp. 32 S Rng. 10W E/W

County Barber Docket No. 21250

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 Site Operations Engineer Date 7-27-93

Subscribed and sworn to before me this 27th day of July 1993

Notary Public Katherine Christina Rose

Date Commission Expires September 29, 1996

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received 6-29-93
RECEIVED
STATE CORPORATION COMMISSION
DISTRIBUTION
 KCC Plug Other
 KGS
JUL 29 1993
CONSERVATION DIVISION
WICHITA, KANSAS
Form ACD-1 (7-91)

Operator Name Energy Marketing Inc. Lease Name Schuman Well # 4-20
 Sec. 20 Twp. 30 Rge. 7 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 type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	2860'	-1272'
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	3478'	-1890'
List All E.Logs Run:		Cherokee	4158'	-2570'
		Mississippi "Chat"	4271'	-2683'
	Dual Induction			
	Neutron / Density			
	Sonic			
	Cement Bond Log			

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	335	60/40 Poz	185	2% Gel 3% CC
Production	7 7/8"	5 1/2"	15&17#	4447'	50/50 Poz	215	2% Gel

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
2	4281-4292'	750 gal 7.5% HCL Acid	
		31000 lbs. 12/20 Frac Sdac	

TUBING RECORD	Size 2 7/8"	Set At 4361'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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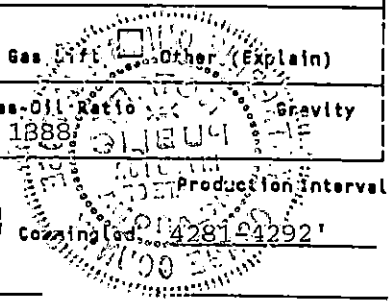
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil 9 Bbls.	Gas 17 Mcf	Water 160 Bbls.	Gas-Oil Ratio 1888	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Casing (Set 4281-4292')

Other (Specify)



RECEIVED

JUN 30 1993

Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

No 2345

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	6-17-93	Sec.	20	Twp.	30	Range	7	Called Out	7:45 PM	On Location	9:30 PM	Job Start	2:45 AM	Finish	3:15 AM
Lease	Schuman	Well No.	4-20			Location			Spivey South 2 1/2 E 1/2 S Einto			County	Kingman	State	Ka.
Contractor	Val														
Type Job	Surface														
Hole Size	12 1/4		T.D. 339'												
Csg.	8 5/8 28#		Depth 338'												
Tbg. Size	Depth														
Drill Pipe	Depth														
Tool	Depth														
Cement Left in Csg.	20'		Shoe Joint												
Press Max.	Minimum														
Meas Line	NO		Displace 19.8 bbl												
Perf.															

Owner Energy Marketing Inc.
 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 Val Energy Inc.
 Street Box 322
 City Haysville State Ko 67060
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X *Pat Smith*

CEMENT

Amount Ordered 185 cu 60 1/4 2% gel 4% c.c.

Consisting of			
Common	111	51.25	638.25
Poz. Mix	74	3.00	222.00
Gel.	4	7.00	28.00
Chloride	7	25.00	175.00
Quickset			

Handling	185	1.00	185.00
Mileage	42		310.80
		Sub Total	
		Total	1559.0

Floating Equipment
 Total \$ 2125.55
 Disc - 425.11
 \$ 1700.44

EQUIPMENT

Pumptrk # 255	No.	Cementor	
		Helper	
Pumptrk # 265	No.	Cementor	<i>J.A. Drexling</i>
		Helper	<i>Kevin Brungardt</i>
		Driver	<i>Carl Balding</i>
Bulktrk # 265		Driver	

DEPTH of Job

Reference:	Pump take charge	430.00	
42	Mileage	94.50	
1	8 5/8 TWP	42.00	
	38' at .39	Sub Total	
		Tax	
		Total	566.50

Remarks: Cement did circulate.

RECEIVED
 STATE CORPORATION COMMISSION

JUL 29 1993
 CONSTRUCTION DIVISION
 WICHITA, KANSAS

Thank You.
 By Allied Cementing Co. Inc.
 Jayson Drexling

CUSTOMER: *State Corporation Commission*
WELL NO: *17-20*
JOB TYPE: *5 7/8 inch casing*
DATE: *6-22-93*

WELL DATA

ELD _____ SEC. *20* TWP. *30* RNG. *14* COUNTY *Kingman* STATE *KS*

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. _____
ACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
ISC. DATA _____ TOTAL DEPTH *4450*

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<i>4</i>	<i>12.7/17</i>	<i>5 7/8</i>	<i>K2</i>	<i>4449</i>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
COAT COLLAR		
COAT <i>ALP</i>	<i>1</i>	<i>Hawco</i>
GUIDE SHOE <i>R29</i>	<i>1</i>	<i>"</i>
ENTRALIZERS <i>S-4</i>	<i>6</i>	<i>"</i>
BOTTOM PLUG		
TOP PLUG <i>SW</i>	<i>1</i>	<i>"</i>
HEAD <i>P.C.</i>	<i>1</i>	<i>"</i>
ACKER		
OTHER <i>Cement Basket</i>	<i>1</i>	<i>"</i>

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>6-22</i>	DATE <i>6-22</i>	DATE <i>6-22</i>	DATE <i>6-22</i>
TIME <i>0800</i>	TIME <i>1230</i>	TIME <i>1235</i>	TIME <i>1500</i>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>D. Bigler</i>	<i>40023</i>	<i>PRAM KS</i>
<i>G. Breyer</i>	<i>55326</i>	<i>"</i>
<i>J. McDuff</i>	<i>74221</i>	<i>"</i>

MATERIALS

REAT. FLUID _____ DENSITY _____ LB/GAL-API
ISPL. FLUID _____ DENSITY _____ LB/GAL-API
ROP. TYPE _____ SIZE _____ LB.
ROP. TYPE _____ SIZE _____ LB.
CID TYPE _____ GAL _____ %
CID TYPE _____ GAL _____ %
CID TYPE _____ GAL _____ %
SURFACTANT TYPE _____ GAL _____ IN
WATER AGENT TYPE _____ GAL _____ IN
FLUID LOSS ADD. TYPE _____ GAL-LB. _____ IN
GELLING AGENT TYPE _____ GAL-LB. _____ IN
RIC. RED. AGENT TYPE _____ GAL-LB. _____ IN
BREAKER TYPE _____ GAL-LB. _____ IN
LOCKING AGENT TYPE _____ GAL-LB. _____ IN
GRFAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

DEPARTMENT *CEMENT*
DESCRIPTION OF JOB *CEMENT 5 7/8 Production*

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE *X Frank Klobaniet*

HALLIBURTON OPERATOR *Young Bigler* COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>225</i>	<i>30/50 lb</i>	<i>Hawco</i>	<i>5</i>	<i>2% Bull Gel, 10% Sulf, 15% HAWCO 324, 5% GIBSONITE</i>		

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 _____
REATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
REASON *HTG*

SUMMARY

PRESLUSH: BBL-GAL. *12 BBL 50/50 flush w/ HAWCO 324*
LOAD & BKDN: BBL-GAL. _____ PAD: BBL-GAL. _____
TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. *104.6*
CEMENT SLURRY: BBL-GAL. *55*
TOTAL VOLUME: BBL-GAL. _____

REMARKS

SEE Job Log
Thanks

RECEIVED
STATE CORPORATION COMMISSION
JUL 29 1993
WICHITA, KANSAS