

SIDE ONE

ORIGINAL

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

API NO. 15- 097-21,269-0000
County KIOWA
C NW NE Sec. 17 Twp. 29S Rge. 20W East West

Operator: License # 5414
Name: J. MARK RICHARDSON
Address 155 N. MARKET
SUITE 840
City/State/Zip WICHITA, KS. 67202

4620 Ft. North from Southeast Corner of Section
1980 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Purchaser: -NONE- (WAITING FOR MARKET)
Operator Contact Person: CARL SCHIEDL
Phone (316.) 723-2204

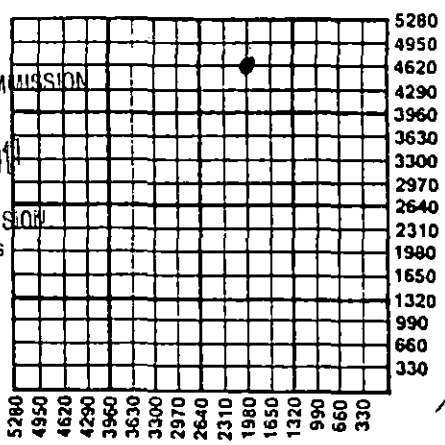
Lease Name MILLER Well # 1
Field Name WESTLAND EXT.

Contractor: Name: GABBERT-JONES INC.
License: 5842 STATE CORP. COM. DIVISION
Wellsite Geologist: J. MARK RICHARDSON

Producing Formation MISSISSIPPI
Elevation: Ground 2397 KB 2402
Total Depth 5198 PBTD 5180

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas S2 Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

RECEIVED
8-26-1991
AUG 26 1991
STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas



If OMO: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
Drilling Method:
 Mud Rotary Air Rotary Cable
3/15/89 4/6/89 7/7/89
Spud Date Date Reached TD Completion Date

Amount of Surface Pipe Set and Cemented at 612 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.

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 J. Mark Richardson
Title OPERATOR Date 8/23/91
Subscribed and sworn to before me this 23 day of AUG,
19 91.
Notary Public Kim Santellan
Date Commission Expires _____

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)

KIM SANTELLAN
State of Kansas
My Appt. Exp. 2-22-92

SIDE TWO

Operator Name J. MARK RICHARDSON Lease Name MILLER Well # 17
 Sec. 17 Twp. 29 Rge. 20 East County KIOWA
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input checked="" 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.)	<p style="text-align: center;">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Bottom</th> </tr> </thead> <tbody> <tr> <td>MISS LIME</td> <td style="text-align: center;">5104</td> <td style="text-align: center;">2702</td> </tr> <tr> <td>LANSING</td> <td style="text-align: center;">4472</td> <td style="text-align: center;">2070</td> </tr> <tr> <td>HEEBNER</td> <td style="text-align: center;">4290</td> <td style="text-align: center;">1888</td> </tr> <tr> <td>MISS DOL.</td> <td style="text-align: center;">5130</td> <td style="text-align: center;">2728</td> </tr> </tbody> </table>	Name	Top	Bottom	MISS LIME	5104	2702	LANSING	4472	2070	HEEBNER	4290	1888	MISS DOL.	5130	2728
Name	Top	Bottom														
MISS LIME	5104	2702														
LANSING	4472	2070														
HEEBNER	4290	1888														
MISS DOL.	5130	2728														

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		8 5/8	24#	612	60/40 POS	300	2% GEL 3% C. C.
PRODUCTION	7 7/8	4 1/2	10.5#	5240	60/40 POS	275	2% GEL 3% C. C.

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	5132-5135	15% 500 GAL.	5132-5135
2	5127-5129	"	5127-5129
2	5114-5116	"	5114-5116

TUBING RECORD Size 2 3/8 Set At 5136 Packer At 5014 Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		20,000	-		

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 _____

-2627, Russell, Kansas
 -793-5861, Great Bend, Kansas

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

ORIGINAL

ALLIED CEMENTING CO., INC.

No. 4667

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	3-25-89	Sec.	17	Twp.	29	Range	20	Called Out	9:00 P.M.	On Location	11:30 P.M.	Job Start	3:15 A.M.	Finish	4:15 A.M.
Lease	Mullen	Well No.	1	Location	Mullen, Mo.	45-27W-7S		County	Yower	State	KS				
Contractor	Lalbert Jones, Inc.											Owner	Same		
Type Job	Production Casings											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.			
Hole Size	7 7/8"		T.D. 5241'												
Csg.	4 1/2"		Depth 5111 5248'												
Tbg. Size	Depth														
Drill Pipe	Depth														
Tool	Depth														
Cement Left in Csg.	Shoe Joint 18.21'														
Press Max.	Minimum														
Meas Line	5227'														
Perf.	DISPLACE														

RECEIVED
 STATE COMMISSION
 EQUIPMENT
 AUG 26 1991

Pumptrk	No.	Cementor	Wichita, Kansas
	46	Helper	
Pumptrk	No.	Cementor	Gack
		Helper	
Bulktrk	179	Driver	Gack
		Driver	

CEMENT			
Amount Ordered	27560/40 2% gel 10% Salt		
Consisting of	20BB1 Salt Flush - 500gal WFR II		
Common	16.5	5.00	825.00
Poz. Mix	11.0	2.25	247.50
Gel.	6	6.75	40.50
Chloride			
Quickset	WFR II 500 gals.	.21	105.00
Salt	-37	4.75	175.75
Sales Tax			
Handling	275	.90	247.50
Mileage	70		577.50
Ind. Ldg.			
Sub Total			
Total			2218.75

DEPTH of Job	
Reference:	
Pumptrk	838.00
Mileage	40.00
53" Rubber Plug	43.00
Total Tax	
Total	921.00

Remarks: float did hold.

Floating Equipment

TOTAL \$ 3139.75
 Less Disc - 627.95
 \$ 2511.80

Thank you

Well, Kansas
Great Bend, Kansas

ORIGINAL
Phone Flourville 1913-434-2812
Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. N° 4889

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	3-16-89	Sec.	17	Twp.	29	Range	20	Call'd Out	8:45 PM	On Location	12:30 AM	Job Start	9:00 AM	Finish	10:00 AM
Case	Miller	Well No.	1	Location	Mullinville 4 S 2 1/4 W			County	Kiowa	State	KS				

Contractor	Gabbett & Jones #11	
Type Job	Surface Casing	
Cole Size	12 1/4	T.D. 613'
Csg.	8 5/8	Depth 612'
Log. Size		Depth
Drill Pipe		Depth
Tool		Depth
Cement Left in Csg.	30'	Shoe Joint
Press Max.		Minimum
Cas Line	58.5'	Displace 37.68 38.77 BBI's
Surf.		

Owner	S.S. Same	
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	J. Mark Richardson	
Street	640 Century Plaza	
City	Wichita	State Ko 67202
The above was done to satisfaction and supervision of owner agent or contractor		
Purchase Order No.	X Carl Schuld	
CEMENT		
Amount Ordered	300 csk 60/40 2 1/2 gal 3 5/8 cc	
Consisting of		
Common	180	5.00 900.00
Poz. Mix	120	2.25 270.00
Gel.	6	6.75 40.50
Chloride	9	20.00 180.00
Quickset		
Sales Tax		
Handling	300	.90 270.00
Mileage	70	6.30 630.00
md. Ldg.		
		Sub Total
		Total 2290.50
Floating Equipment		
Total \$		2842.50
Less Disc -		569.50
		\$ 2278.00

EQUIPMENT

T. Bend No.	Cementer	Phil
mptrk 181	Helper	mike
No.	Cementer	
mptrk	Helper	
	Driver	Jack W.
alktrk 179		
alktrk	Driver	

DEPTH of Job	
Reference:	
2nd	Pump Trk Chg 360.00
	Pump Trk Mlg 40.00
1	8 5/8 Plug 40.00
	Sub Total
300' @ .39	Tax 117.00
	Total 557.00

Remarks: Cement did circulate

Total \$ 2278.00

Bid job

1/4 501' Thank You!



DRILLING CONTRACTORS
AND OIL PRODUCERS

GABBERT - JONES, INC.
333 E. ENGLISH • SUITE 215 • PH. (316) 263-6209 • WICHITA, KS 67202

ORIGINAL

File well file

TO: J. MARK RICHARDSON
640 CENTURY PLAZA
WICHITA, KS 67202

DATE: 29 MARCH 1989

INVOICE NO.: 6876

RE: MILLER A #1 C NW NE SEC. 17-29S-20W KIOWA COUNTY, KANSAS

R-11

		AMOUNT	ITEM
ROTARY TOTAL DEPTH		5200 ft.	
LESS FOOTAGE ON DAYWORK		- 1010 ft.	
LESS KELLY BUSHING TO GROUND LEVEL		- 5 ft.	
NET FOOTAGE DRILLED		4185 ft. @ \$6.50 per foot	\$27,202.50
ROTARY DAYWORK			
3-15-89	Drig as per Contract	11 30	
3-16-89	Drig as per Contract	24	
3-17-89	Drig as per Contract (1010)	8	
3-21-89	CFS @ 4276	1	
3-22-89	CFS @ 4480	30	
	CFS @ 4500	1	
	CFS @ 4515	3	
3-23-89	CFS @ 4790	1	
	CFS @ 4800	1 15	
	CFS @ 4870	1	
3-24-89	CFS @ 5125	45	
	CFS @ 5135	1	
	CFS @ 5140	1	
	CFS @ 5150	1 45	
	CFS @ 5160	1 45	
	Short Trip	1 15	
	Cir for Log	1 30	
3-25-89	Cir for Log	2 30	
	Trip out for Log	2 45	
	Rig up - Log	5 45	
	Wait on Orders	1 30	
	Trip in hole	1 30	
	Circ	1	
	Below Contract depth	7 30	
3-26-89	Below Contract depth	5 30	
Total daywork @ \$3,360.00 per 24 hour day		89 15	<u>12,495.00</u>
TOTAL INVOICE			\$39,697.50

GABBERT-JONES
DRILLERS WELL LOG

ORIGINAL

MILLER A #1
C NW NE SEC. 17-29S-20W
KIOWA COUNTY, KANSAS

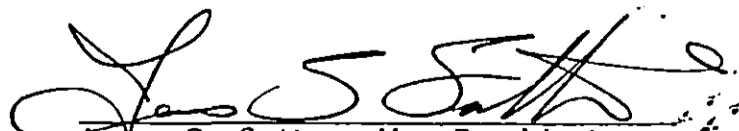
Commenced: 3-15-89
Completed: 3-26-89
Operator: J. MARK RICHARDSON

Depth		Formation	Remarks
From	To		
0	192	Sand	Ran 14 jts of 23# 8 5/8" csg LD @ 612' w/300 sks 60/40 Posmix - 2% Gel - 3% CC PD @ 10:30 AM 3-16-89.
192	610	Sand - Clay	
610	613	Redbed	
613	1010	Shale	
1010	1925	Redbed	Ran 146 jts of 10 1/2# 4 1/2" csg LD @ 5249' w/275 sks 60/40 Posmix - 2% Gel 10% Salt PD @ 4:15 AM 3-26-89.
1925	3197	Lime - Shale	
3197	3417	Shale - Lime	
3417	3771	Lime - Shale	
3771	3925	Shale - Lime	
3925	4901	Lime - Shale	
4901	4994	Lime	
4994	5240	Lime - Shale	

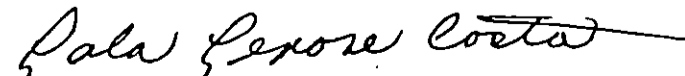
5240 TD

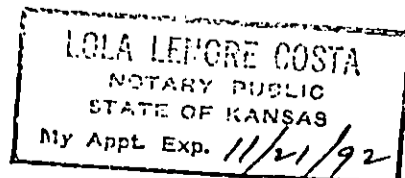
State of Kansas)
County of Sedgwick) I, the undersigned, being duly sworn on oath, state
that the above Drillers ' Well Log is true and correct
to the best of my knowledge and belief and according
to the records of this office.

GABBERT-JONES, INC.


James S. Sutton, II --President

Subscribed & sworn to before me this
29th day of March 1989


Lola Lenore Costa



My Commission expires Nov. 21, 1992