

CONFIDENTIAL
RELEASED

ORIGINAL

KCC

AUG 25

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

SEP 0 9 1991
FROM CONFIDENTIAL

API No. 15- 165-21,583-0000 CONFIDENTIAL

Operator: License # 30383
Name: James R. Isern
Address 221 S. Broadway, Suite 604
City/State/Zip Wichita, KS 67202
Purchaser: NA
Operator Contact Person: James R. Isern
Phone (316) 267-6385

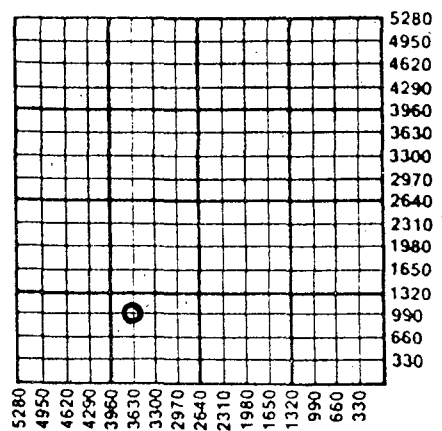
County Rush
NW SE SW Sec. 36 Twp. 19S Rge. 16W X East West
990 Ft. North from Southeast Corner of Section
3630 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Miller Well # 2
Field Name _____
Producing Formation NA
Elevation: Ground 1983 KB 1988
Total Depth 3830 PBTD _____

Contractor: Name: Duke Drilling
License: 5929
Wellsite Geologist: Beth A. Fuhr

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

If ~~OWN~~ old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
Drilling Method: Mud Rotary Air Rotary Cable
7/22/91 7/29/91
Spud Date Date Reached TD Completion Date

RECEIVED
STATE CORPORATION COMMISSION
8-16-91
AUG 16 1991
CONSERVATION DIVISION
Wichita, Kansas



Amount of Surface Pipe Set and Cemented at 1024' 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 Beth A. Fuhr
Title Geologist Date 13 Aug 1991
Subscribed and sworn to before me this 13th day of August, 1991.
Notary Public [Signature]
Date Commission Expires _____

DORENE K. GRATOPP
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 10/13/93

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)

ORIGINAL

SIDE TWO

Operator Name James R. Isern Lease Name Miller Well # 2
 Sec. 36 Twp. 19S Rge. 16 East West
 County Rush

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.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 DST #1 3623-3700 30-30-90-45
 Rec: 314'GIP, 64'Mud
 IFP 78-112# FFP 78-89#
 ISIP 178# FSIP 178#
 HYD 1846-1846# TEMP 107

Formation Description		
Name	Top	Bottom
Anhydrite	1018	1036
Heebner	3314	
Lansing	3403	
BKC	3632	
Arbuckle	3684	
Total Depth	3830	

CASING RECORD New Used
 Report all strings set-conductor, surface, intermediate, production, etc.

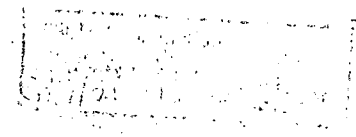
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	10 3/4	8-5/8	23#	1024'	60/40 poz	375	60/40 poz 2% gel 3%cc

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

TUBING RECORD Size _____ Set At _____ Packer At _____ 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

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____



15-1165-21583-0000

DST-#2 3701 - 3750
30-30-60-45

ORIGINAL

Rec: 600' GIP
63' Oil specked mud
30' drilling mud

IFP 49-58# FFP 60-78#
ISIP 277# FSIP 246#
HYD 1912-1846# TEMP 110

RELEASED
SEP 09 1992
FROM CONFIDENTIAL

AUG 16 1991
8-16-91
CONSERVATION DIVISION
Wichita, Kansas

RECEIVED
STATE CORPORATION COMMISSION

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 315 SEP
Russell, Kansas 67665

NRCC 1912

AUG 25

New 15-165-21583-0000

Date	7-29-91	Sec.	36	Twp.	19	Range	16	Called Out	FROM 12:00 A.M.	On Location	1:15 A.M.	Job Start	2:00 A.M.	Finish	5:15 A.M.
Lease	Miller	Well No.	#2	Location	10 TH + Albert Rd, 15, 1 1/2 W, N/5				County	Rush	State	Ks			
Contractor	Duke Rig #1														
Type Job	Rotary Plug														
Hole Size	7 7/8"		T.D. 3830'												
Csg.			Depth												
Tbg. Size			Depth												
Drill Pipe	4 1/2"		Depth 3665'												
Tool			Depth												
Cement Left in Csg.			Shoe Joint												
Press Max.			Minimum												
Meas Line			Displace												
Perf.															

Owner ~~James R. Tsern~~ James R. Tsern
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 Drilling Inc.
~~James R. Tsern~~
Street Box 823
City Great Bend State Ks 67530
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
X Leonard Williamson
CEMENT

EQUIPMENT

Pumptrk #181	No.	Cementer	Tim
		Helper	Cary
Pumptrk #68	No.	Cementer	
		Helper	
Bulktrk #68		Driver	Jacks
		Driver	

Amount Ordered	165 SKS	6 1/4	690.60
Consisting of			
Common	99	5.25	519.75
Poz. Mix	66	2.25	148.50
Gel.	10	6.75	67.50
Chloride			
Quickset			
Handling	165	1.00	165.00
Mileage	14		92.40
Total			993.15

DEPTH of Job

Reference:	Pumptrk Charge	475.00
14	Pumptrk Mileage	28.00
	Subtotal	
	Tax	
	Total	503.00

Floating Equipment
Total # 1496.15
Disc - 224.43

Remarks: Mixed - 50 SKS at 3665'
50 SKS at 1050'
40 SKS at 600'
10 SKS at 40'
15 SKS in Rathde,

RECEIVED
STATE CORPORATION COMMISSION
8-16-91
AUG 6 1991
CONSERVATION DIVISION
Wichita, Kansas

Allied Cementing
by Tim Dickson

Thompson

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

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

ALLIED CEMENTING CO. INC.

Home Office P. O. Box 31

Russell, Kansas 67665

NR 1908

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
7-23-91	36	19	16	12:00 A.M.	1:30 A.M.	4:00 A.M.	4:40 A.M.
Lease Miller	Well No. #2	Location 10 th St. & Albert Rd, 15, 1 st W, N/2			Rush County	KS, State	

Contractor **Duke Rig #1**

Type Job **Surface**

Hole Size	T.D.
12 1/4"	1026'
Csg.	Depth
8 3/8"	1024'
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg.	Shoe Joint
15'	
Press Max.	Minimum
Meas Line	Displace
✓	64 3/4 bbl.
Perf.	

Owner **James B. Isern**

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**

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X *James B. Isern*

CEMENT

EQUIPMENT

#	No.	Cementer	TIM Cary
Pumptrk	181	Helper	
#	No.	Cementer	JACKS
Pumptrk		Helper	
#		Driver	
Bulktrk	179		
Bulktrk		Driver	

Amount Ordered **375 SKS 60/40 370cc, 270Gel.**

Consisting of

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Sales Tax	
Handling	
Mileage	
Sub Total	
Total	

DEPTH of Job

Reference:	Pumptrk Charge	
	Pumptrk Mileage	
	8 3/8 Rubber Plug	
	Sub Total	
	Tax	
	Total	

Remarks: **Cement did Circulate.**

Floating Equipment

1-8 3/8 Centrilizer,

KCC

AUG 15

*Allied Cementing
 by Tim Diebold*

T. Rankin

CONFIDENTIAL