

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

API NO. 15- 051-250240000

County Ellis

E/2 - NE - SW Sec. 4 Twp. 13S Rge. 18W X W

1980 Feet from S/N (circle one) Line of Section

2970 Feet from E/W (circle one) Line of Section

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

Lease Name Alexia Well # 2

Field Name Emmeram

Producing Formation Lansing/Kansas City

Elevation: Ground 1981 KB 1986

Total Depth 3510 RTD PBDT CIBP @ 3450'

Amount of Surface Pipe Set and Cemented at 208 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 1111' Feet
(port collar)

If Alternate II completion, cement circulated from
(to be cemented at a later date)

feet depth to w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) ALTI WAM
6-28-07

Chloride content 23000 ppm Fluid volume 250 bbls

Dewatering method used allow solids to settle and remove liquid

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

 Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 5252

Name: R.P. Nixon Operations, Inc.

Address 207 West 12th Street

City/State/Zip Hays, Kansas 67601-3898

Purchaser: Cooperative-Refining

Operator Contact Person: Dan A. Nixon

Phone (785) 628-3834

Contractor: Name: Shields Drilling **RECEIVED**
STATE CORPORATION COMMISSION
License: 5184

Wellsite Geologist: Dan A. Nixon **AUG 14 2000**

Designate Type of Completion
X New Well Re-Entry Workover

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

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

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

6/19/00 6/26/00 7/14/00
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the KCC Conservation Office, Wichita State Office Building, 130 South Market, Room 2078, 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 *[Signature]*

Title President Date 8/11/00

Subscribed and sworn to before me this 11th day of August,
20 00.

Notary Public *[Signature]*

Date Commission Expires 3/12/2001



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)

SIDE TWO

Operator Name R.P. Nixon Operations, Inc. Lease Name Alexia Well # 2

Sec. 4 Twp. 13S Rge. 18W East West
 County Ellis

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 Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite top	1110'	
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Anhydrite base	1150'	
List All E. Logs Run:	RAG log by ELI Logging	Topeka	2912'	
		Heebner	3162'	
		Toronto	3181'	
		Lansing	3210'	(-1224)
		Base KC	3447'	
		Arbuckle	3465'	(-1479)
		RTD	3510'	
		LTD	3509'	

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"		208'	60/40 Pozmix	150	2% gel, 3% CaCl
Production	7 1/2"	4 1/2"	9.5	3509'	Allied ASC	125	

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				

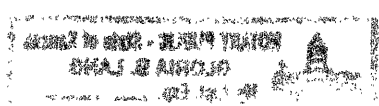
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
		4	3469'-72' (Arbuckle)
1 - limited entry	3420', 3395', 3378' (later shot out 2 holes/ft)	1500 gal. 20% acid	3450'
1 - limited entry	3212', 3235', 3253' (later shot out 2 holes/ft)	1500 gal. 20% acid	3280'

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>3435'</u>	Packer At <u>NA</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. <u>7/24/00</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil <u>18</u> Bbls.	Gas <u>109</u> Mcf	Water <u>109</u> Bbls.	Gas-Oil Ratio <u> </u> Gravity <u> </u>

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 3212'-3420'
L/KC only



ORIGINAL

ALLIED CEMENTING CO., INC.

4929

Federal Tax I.D. [REDACTED]

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: R

DATE <u>6-26-00</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>5:30am</u>	JOB START <u>7:30am</u>	JOB FINISH <u>8:00pm</u>
LEASE <u>Alexia</u>	WELL # <u>Z</u>	LOCATION <u>Walker 2N 2 1/4 W 1/2 S</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Shields

TYPE OF JOB Production String

HOLE SIZE 7 7/8 T.D. 3510

CASING SIZE 4 1/2 DEPTH 3509 9 1/2'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 14'

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 55 1/2

EQUIPMENT _____

PUMP TRUCK CEMENTER Mark

177 HELPER Ron

BULK TRUCK _____

213 DRIVER Jason

BULK TRUCK _____

_____ DRIVER _____

OWNER _____

CEMENT

AMOUNT ORDERED 150 ASC

500^{gals} WFR-2

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

<u>ASC</u>	<u>150</u>	@	<u>8.20</u>	<u>1230.00</u>
<u>WFR-2</u>	<u>500 gals</u>	@	<u>1.00</u>	<u>500.00</u>

HANDLING _____ @ 1.05 157.50

MILEAGE 44.5K 1 mile 120.00

TOTAL 2007.50

REMARKS:

RECEIVED
STATE CORPORATION COMMISSION

P-toller @ III

15 6' @ Bathole

10 6' @ Mousehole

Float Held

Shields

AUG 14 2000

CONSERVATION DIVISION
Wichita, Kansas

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 680.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 20 @ 3.00 60.00

PLUG 4 1/2 Rubber @ _____ 38.00

TOTAL 1178.00

CHARGE TO: R. D. Nixon

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

4 1/2

<u>G-Shoe</u>	@	<u>125.00</u>
<u>Insert</u>	@	<u>210.00</u>
<u>7-cent</u>	@	<u>45.00</u>

TOTAL 650.00

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE R. D. Nixon

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

R. D. Nixon

PRINTED NAME

ORIGINAL

ALLIED CEMENTING CO., INC. 3523

Federal Tax I.D. [REDACTED]

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: K

DATE <u>6-20-00</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>3:30 pm</u>	JOB FINISH <u>3:45 pm</u>
LEASE <u>Alexia</u>	WELL# <u>Z</u>	LOCATION <u>Walker TN ZW 7/5</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Shields Drlg

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 211

CASING SIZE 8 9/8 DEPTH 208

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 10-6'

PERFS.

DISPLACEMENT 12 3/4

OWNER

CEMENT

AMOUNT ORDERED 150 60/40 3% cc
290 gal

EQUIPMENT

PUMP TRUCK CEMENTER Mark

345 HELPER non

BULK TRUCK

213 DRIVER

BULK TRUCK

DRIVER

COMMON	<u>90</u>	@	<u>6.35</u>	<u>571.50</u>
POZMIX	<u>60</u>	@	<u>3.25</u>	<u>195.00</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>5</u>	@	<u>28.00</u>	<u>140.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING		@	<u>1.05</u>	<u>157.50</u>
MILEAGE	<u>4 & 1/2</u>	/ mile		<u>120.00</u>

TOTAL 1212.50

REMARKS:

SERVICE

Cement Co RECEIVED
STATE CORPORATION COMMISSION
AUG 14 2000
CONSERVATION DIVISION
Wichita, Kansas

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>470.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>20</u>	@	<u>3.00</u>	<u>60.00</u>
PLUG <u>8 9/8 wooden</u>		@		<u>45.00</u>
		@		
		@		

TOTAL 575.00

CHARGE TO: R. P. Nixon

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL _____

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TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE _____

PRINTED NAME _____