

20217-00-01

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

API NO. 15- 175-

ORIGINAL

County Seward

SW SW SW Sec. 20 Twp. 33S Rge. 32 X W

Operator: License # 06230

165 Feet from S (circle one) Line of Section

Name: First National Oil, Inc.

165 Feet from E (circle one) Line of Section

Address 23 E. 11th

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

City/State/Zip Liberal, KS 67901

Lease Name Colburn Well # 1-20

Purchaser: Aurora

Field Name Arkalon

Operator Contact Person: Bill Carlisle

Producing Formation Chase

Phone (316) 624-1664

Elevation: Ground 2710' KB 2524'

Contractor: Name: Well Tech

Total Depth PBDT 2830'

License:

Amount of Surface Pipe Set and Cemented at Feet

Wellsite Geologist:

Multiple Stage Cementing Collar Used? Yes No

Designate Type of Completion

If yes, show depth set Feet

 New Well Re-Entry X Workover

If Alternate II completion, cement circulated from 2255

 Oil SWD SLOW Temp. Abd.

feet depth to 2830' w/ 200 sx cnt.

X Gas ENHR SIGW

Drilling Fluid Management Plan Re-work, 9-3-98 U.C.
(Data must be collected from the Reserve Pit)

 Dry Other (Core, WSW, Expl., Cathodic, etc)

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

Chloride content ppm Fluid volume bbls

Operator: Resource Investment

Dewatering method used

Well Name: #1 Colburn

Location of fluid disposal if hauled offsite:

Comp. Date 3-18-74 Old Total Depth 6114'

 Deepening Re-perf. Conv. to Inj/SWD

Operator Name

 Plug Back PBDT

Lease Name License No.

 Commingled: Docket No.

 Quarter Sec. Twp. S Rng. E/W

 Dual Completion Docket No.

County Docket No.

 Other (SWD or Inj?) Docket No.

Spud Date 4-13-98 Date Reached TD 5/3/98 Completion Date

KCC by U.C.

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 [Signature]

Title President Date 8-28-98

Subscribed and sworn to before me this 28th day of August, 19 98.

Notary Public Margaret Dennison

Date Commission Expires 8/28/98



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)

Operator Name First National Oil

Lease Name Colburn

Well # 1-20

East

County Seward

Sec. 20 Twp. 33S Rge. 32W

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.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample
Name Top Datum

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

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	2255'	Class H	200	1/4 pound Floseal & 2% cc
<input type="checkbox"/> Plug Back TD	2830'			
<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	2856'		
4	2546-2560'		
4	2784-2804'		
4	2510-2526'		
4	2666-2670'		
4	2580-2620'		

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

Date of First, Resumed Production, SWD or Inj.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		225			

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 _____

ALLIED CEMENTING CO., INC.

5893

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

ORIGINAL

SERVICE POINT: med. Lodge, ks

API# 15-175-20218

DATE 4-13-98	SEC. 20	TWP. 33S	RANGE 22W	CALLED OUT 3:30A.m.	ON LOCATION 8:30A.m.	JOB START 9:15A.m.	JOB FINISH 1:30P.m.
LEASE Colbarn	WELL# 1-20	LOCATION Hayne #54, 1/2W-3N-1/2W-N/S			COUNTY Seward	STATE KS.	

OLD OR NEW (Circle one)

CONTRACTOR TW Well Service
 TYPE OF JOB Block Squeeze
 HOLE SIZE _____ T.D. _____
 CASING SIZE 4 1/2 x 10.5 DEPTH _____
 TUBING SIZE 2 3/8 x 4.60 DEPTH 2850
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1500 MINIMUM 500
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
~~PERF.~~ Holes 2856'

OWNER First National Oil Co.
CEMENT

AMOUNT ORDERED 200 SXS. CLASS H
2% CaCl₂ + 1/4# Flo-seal

COMMON <u>H 200</u>	@ <u>7.90</u>	<u>1580.00</u>
POZMIX _____	@ _____	_____
GEL _____	@ _____	_____
CHLORIDE <u>5</u>	@ <u>28.00</u>	<u>140.00</u>
<u>Flo-Seal 50#</u>	@ <u>1.15</u>	<u>57.50</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>200</u>	@ <u>1.20</u>	<u>240.00</u>
MILEAGE <u>200 x 30</u>	<u>.04</u>	<u>240.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Arny Oreiling
 # 233-302 HELPER Justin HART
 BULK TRUCK _____
 # 242 DRIVER John Kelley
 BULK TRUCK _____
 # _____ DRIVER _____

Office: 11000 Division Wichita, Kansas

2003115

TOTAL \$ 2257.5

REMARKS:

Packer set 2850 - Hole 2856
Load Annulus - Inj. Rate 3/8 Bpm @ 800'
100sxs CLASS H + 2% CaCl₂ + 1/4# Flo-seal
Displace 6 3/4 Bols. Squeezed @ 1500PSI
Reverse out - Pressure Squeeze well on UAC
Inj. Rate 3 Bpm @ 1100PSI 100sxs CLASS H
2% CaCl₂ + 1/4# Flo-seal. Squeezed @ 1500PSI
Reverse out. Pressure Squeeze to 500PSI. o.k
Shut in.

SERVICE

DEPTH OF JOB <u>2856'</u>	_____	_____
PUMP TRUCK CHARGE _____	_____	<u>1185.00</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>12</u>	@ <u>2.85</u>	<u>34.20</u>
PLUG _____	@ _____	_____
<u>SQUEEZE MANIFOLD</u>	@ <u>75.00</u>	<u>75.00</u>
_____	@ _____	_____

TOTAL \$ 1294.20

CHARGE TO: First National Oil Co.
 STREET 23 E 11th
 CITY Liberal STATE KS ZIP 67901

FLOAT EQUIPMENT

_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____

TOTAL _____