

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

Operator: License # 31565

Name: Coyote, Inc.

Address 217 S. Broadway

City/State/Zip Wichita, KS 67202

Purchaser: NCRA

Operator Contact Person: Matt Schnitzler

Phone (316) 263-1200

Contractor: Name: Discovery Drilling, Inc.

License: 31548

Wellsite Geologist: Jon R. Stewart

Designate Type of Completion
 New Well Re-Entry Workover

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 PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

2/4/95 2/12/95 2/28/95
Spud Date Date Reached TD Completion Date

API NO. 15- 135-23845000 ORIGINAL

County Ness

W/2-SE-SW Sec. 23 Twp. 16S Rge. 25 E W

660 Feet from (circle one) Line of Section

1674 Feet from (circle one) Line of Section

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

Lease Name Nuttle Well # 1-23

Field Name Arnold

Producing Formation Mississippi

Elevation: Ground 2563' KB 2571'

Total Depth 4600' PBTB _____

Amount of Surface Pipe Set and Cemented at 207 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1956 Feet

If Alternate II completion, cement circulated from 1985'

feet depth to Surface w/ 375 sx cmt.

Drilling Fluid Management Plan ALT 2 99# 12-6-95
(Data must be collected from the Reserve Pit)

Chloride content 4200 ppm Fluid volume 3000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

RECEIVED

Operator Name CORPORATION COMMISSION

Lease Name 3-2-95 License No. _____

Quarter 2 Sec. 1905 Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. 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 _____

Title Field Superintendent Date 3/2/95

Subscribed and sworn to before me this 2nd day of March, 1995.

Notary Public Sue Heilemann

Date Commission Expires June 16, 1998

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)

SUE HEILEMANN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 6/16/98

Operator Name Coyote, Inc.

Lease Name Nuttle Well # 1-23

Sec. 23 Twp. 16S Rge. 25
 East
 West

County Ness

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:
 DIL - CNL - CDL STACK
 BL

Name	Top	Datum
Heebner	3891	-1320
Lansing	3931	-1360
B/KC	4236	-1665
Pawnee	4352	-1781
Ft. Scott	4430	-1859
Miss. Dolo	4536	-1965
Anhydrite	1933	+ 638

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	12 3/4	8 5/8	28#	207	60/40 Poz	Mix 180	2% Gel 13% CaCl
Production	7 7/8	4 1/2	10.5#	4598	EA-2	150	18% Salt 4% Gel 3% HALAD #344
Upper Stage	7 7/8	4 1/2	10.5#	1985	HLC	375	4% Gel

ADDITIONAL CEMENTING/SQUEEZE RECORD 1/4# FLOCELE

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 PF	4542 - 4552	Natural	

TUBING RECORD Size 2 3/8 Set At 4571 Packer At N/A Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 2/28/95 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	80		40		34°

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

Production Interval _____

TRILOBITE TESTING, L.L.C. ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

API # 15-135-23845-00-00

Well Name NUTTLE #1-23 Test No. 1 Date 2/11/95
Company COYOTE, INC Zone MISSISSIPPI
Address 217 S. BROADWAY, WICHITA, KS 67202 Elevation 2571
Co. Rep./Geo. MATT SCHNITZLER Cont. DISCOVERY #1 Est. Ft. of Pay 10
Location: Sec. 23 Twp. 16S Rge. 25W Co. NESS State KS

Interval Tested 4485-4560 Drill Pipe Size 4.5" XH
Anchor Length 75 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4480 Drill Collar - 2.25 Ft. Run 30
Bottom Packer Depth 4485 Mud Wt. _____ lb/Gal.
Total Depth 4560 Viscosity 44 Filtrate 11

Tool Open @ 9:57AM Initial Blow STRONG, BOTTOM OF BUCKET IN 2 MINUTES.

Final Blow STRONG, BOTTOM OF BUCKET IN 3 MINUTES.

RECEIVED
KANSAS CORPORATION COMMISSION

MAR 02 1995

Recovery - Total Feet 1546 Flush Tool? NO CONSERVATION DIVISION
WICHITA, KS

Rec. 186 Feet of SALTY WTR CUT MUDDY OIL. 40%OIL; 10%WTR; 50%MUD.
Rec. 1240 Feet of HEAVY OIL GASSY CUT MUDDY WTR. 25%GAS; 30%OIL; 30%WTR; 15% MUD.
Rec. 120 Feet of OIL CUT MUDDY WATER. 10% OIL; 50% WATER; 40% MUD.
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 122 °F Gravity _____ °API @ _____ °F Corrected Gravity 34 API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 4200 ppm System

(A) Initial Hydrostatic Mud 2368.40 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 137.80 PSI @ (depth) 4489 w / Clock No. 30401

(C) First Final Flow Pressure 308.10 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 1122.00 PSI @ (depth) 4556 w / Clock No. 25810

(E) Second Initial Flow Pressure 384.80 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 511.90 PSI @ (depth) _____ w / Clock No. _____

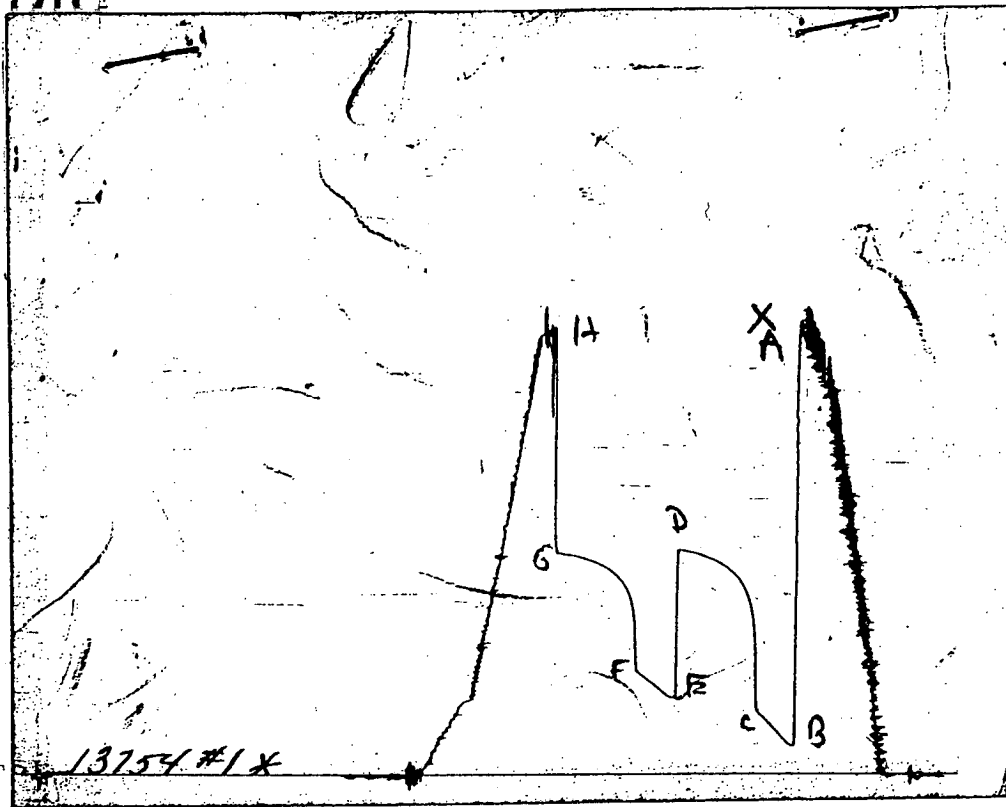
(G) Final Shut-in Pressure 1113.00 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2269.20 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative DAN BANGLE

ORIGINAL

CHART PAGE



This is an actual photograph of an AK1 recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2360	2368.40
(B) FIRST INITIAL FLOW PRESSURE	147	137.80
(C) FIRST FINAL FLOW PRESSURE	324	308.10
(D) INITIAL CLOSED-IN PRESSURE	1116	1122.00
(E) SECOND INITIAL FLOW PRESSURE	383	384.80
(F) SECOND FINAL FLOW PRESSURE	511	511.90
(G) FINAL CLOSED-IN PRESSURE	1116	1113.00
(H) FINAL HYDROSTATIC MUD	2269	2269.20

