

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

Operator: License # 5114
Name National Development Company
Address 250 East Central, Suite 120
City/State/Zip Wichita, Kansas 67202

Purchaser ExNort
1223 North 95th Street
Omaha, Nebraska 68114

Operator Contact Person Ralph B. Hamilton
Phone 316/267-1331

Contractor: License # 5229
Name Duke Drilling Co., Inc.

Wellsite Geologist
Phone

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

If OWWO: old well Info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
4/25/84 5-3-84 7-8-85
Spud Date Date Reached TD Completion Date

Total Depth 4000'
PBD

Amount of Surface Pipe Set and Cemented at 1026 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/SX cmt
Cement Company Name
Invoice #

API NO. 15-145-21,127-0000
County Pawnee
SE SW SE Sec. 7 Twp. 22 Rge. 15 East West
330 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

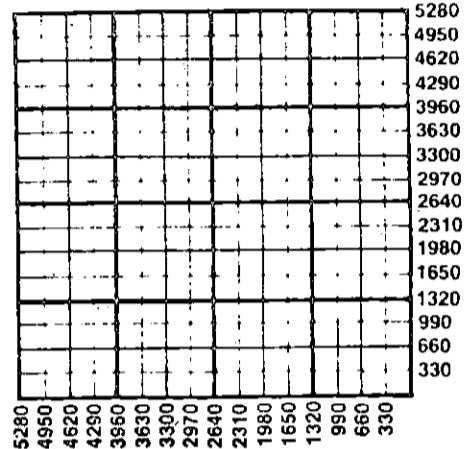
Lease Name ARMSTRONG Well # 1

Field Name Evers, South

Producing Formation Viola

Elevation: Ground 1989' KB 1994'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

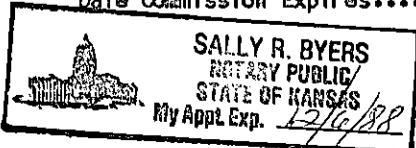
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Ralph R. Hamilton
Title Manager Date 11/27/85

Subscribed and sworn to before me this 27th day of November 1985
Notary Public Sally R. Byers

Date Commission Expires December 6, 1988

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rap NGPA
 KGS Plug Other (Specify)



RECEIVED STATE CORPORATION COMMISSION

DEC 2 1985

12-2-85

Sec. 7, Twp. 22 Rge. 15 W

SIDE TWO

Operator Name NATIONAL DEVELOPMENT COMPANY Lease Name ARMSTRONG Well # 1

Sec... 7 Twp... 22 Rge... 15 East West County... Pawnee

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 3889' - 3906'
 Open 30", Closed 30", Open 30", Closed 30"
 1st Opening: Tool opened with strong blow, increased to a bottom of bucket blow in 15 seconds with gas to surface. Stable gas blow of 8 psi on a 3/4" choke = 227.0 MCF/Day.
 2nd Opening: Tool opened with a stable gas blow of 8 psi on a 3/4" choke = 227.0 MCF/Day.
 IFP: 81# - 51# FFP: 71# - 40#
 ISIP: 1317# FSIP: 1305#

Name	Top	Bottom
Queenhill	3307'	3413'
Heebner	3413'	3434'
Toronto	3434'	3454'
Douglas	3454'	3525'
Brown Lime	3525'	3536'
Lansing	3536'	3776'
Base Ks. City	3776'	3929'
Simpson Sand	3929'	3960'
Arbuckle	3960'	4000'

DST #2 3929' - 3959'
 Open 30", Closed 30", Open 30", Closed 30"
 1st Opening: Tool opened with a 1/2" blow, increased to a bottom of bucket blow in 10" and remained throughout flow period.
 2nd Opening: Tool opened with a bottom of bucket blow and remained throughout flow period.
 Recovered: 850' total fluid; 350' slightly oil specked water mud, 500' slightly gas cut slatwater
 IFP: 63-256# FFP: 301-395# ISIP: 1259# FSIP: 1240#

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 1/4"	8-5/8"	28#	1026'	60/40 Poz.	425	2% gp. 3% cc...
Production	7-7/8"	4 1/2"	10 1/2#	3998'	Pozmix	50	18% salt sat. 3/4 1% CFR2
						100	18% salt sat. w/ 5# gilsol-nite per sx. 3/4 of 1% CFR2

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	3890' - 3894'	350 gallons 7-1/2% intensified	
		000 swelling	3890' - 3894'

TUBING RECORD Size Set At Packer at Liner Run Yes No
 2-3/8" 3233' None

Date of First Production 7/8/85 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water less .1% Bbls	Gas-Oil Ratio	Gravity
		350,000 cu. ft.			

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Sold Used on Lease Open Hole Perforation Other (Specify) Dually Completed Commingled