

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

API NO. 15-051-24,585
County Ellis
C... NW... NW... Sec. 1... Twp. 12... Rge. 16... East
X West

4620 Ft North from Southeast Corner of Section
4620 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

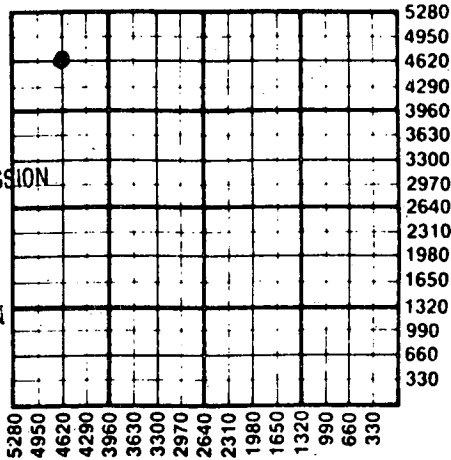
Lease Name National Loan Company Well # 2-1

Field Name Blue Hill N.E. Blue Hill Northwest

Producing Formation LKC

Elevation: Ground 1764 KB 1769

Section Plat



RECEIVED

5-26-1989
MAY 26 1989

STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # None 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

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

3/4 mile to the East of location.

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

Operator: License # 5418
Name ALLEN DRILLING COMPANY
Address P.O. Box 1389
1105 Walnut
City/State/Zip Great Bend, KS 67530

Purchaser Koch Oil Company
Wichita, KS

Operator Contact Person Doug Hoisington
Phone (316) 793-5877

Contractor: License # 5418
Name ALLEN DRILLING COMPANY

Wellsite Geologist Jeffrey R. Zoller
Phone (316) 793-3582

Designate Type of Completion
X New Well Re-Entry Workover
X 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:
X Mud Rotary Air Rotary Cable
4/15/89 4/19/89 5/01/89
Spud Date Date Reached TD Completion Date
3315' LTD
3320' DTD 3274'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 584 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 #

AL-2

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. 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.

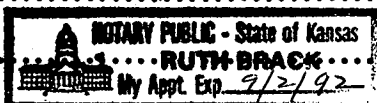
Signature Doug Hoisington

Title Vice-President, Production Date 5/25/89

Subscribed and sworn to before me this 25 day of May 1989

Notary Public Ruth Brack

Date Commission Expires



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)
5-26-89
Form ACO-1 (5-86)

Sec. 1, Twp. 12, Rge. 16

SIDE TWO

Operator Name Allen Drilling Company Lease Name National Loan Co. Well # 2-1

Sec. 1 Twp. 12 Rge. 16 East West County Ellis

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	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	

DST #1	3136 - 3220'	Lansing H-K	Name	Top	Bottom
	30:30:30:45		Anhydrite	926	+483
SIP:	1220-1186		Base Anhydrite	963	+806
FP:	270-471/518-577		Topeka	2696	-927
HP:	1565/1565		Heebner	2946	-1177
Rec:	775' mud; 420' slightly gas cut muddy water w/specks oil (53% Water, 37% Mud)		Lansing	2994	-1225
	Strong blow thru test (had lost circ. & mud)		Base KC	3237	-1468
			TD	3317	-1548

DST #2	3188-3320'	Lansing K - Cong.			
	15:30:30:45				
SIP:	1163/1140				
FP:	117-176/235-294				
HP:	1658/1658				
Rec:	30' gas in pipe; 30' slightly gas & oil cut mud; 120' clean gassy oil; 180' gas cut muddy oil; 240' heavily oil & gas cut mud (35% Gas, 40% Oil, 25% Mud)				
	Strong blow decreasing thru test.				

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"	24#	584'	60/40Poz	300	2%gel; 3%cc
Production	7-7/8"	4-1/2"	10.5#	3318'	Hi-Lite 60/40Poz	50	1% NaCl 75% CFR 3; 10# Gil

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3 JSPF	3203-3211'	250 gal. 7.5% Acetic	
		500 gal. 15% NE HCL	
		1000 gal. 15% NE SGA	

TUBING RECORD	Size 2-3/8"	Set At 3260'	Packer at none	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production	Producing Method
5/01/89	<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 Bbls	Gas TSTM MCF	Water Bbls	Gas-Oil Ratio NA	Gravity NA
	20		0	NA	NA

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation Sold Other (Specify) 3203-3211' Used on Lease Dually Completed Commingled