

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 Co.
Address 205 E. Central, Suite 120
City/State/Zip Wichita, KS 67202

Purchaser

Operator Contact Person Ralph R. Hamilton
Phone 316-267-1331

Contractor: License # 5864
Name Lobo Drilling Co.

Wellsite Geologist Joel A. Alberts
Phone 316/262-6391

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
10-22-85 10-27-85 10/27/85
Spud Date Date Reached TD Completion Date
3590'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 220' 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. 15-155-21-071-0000
County Reno
SE NE SW Sec 32 Twp 23 Rge 8 East XX West
1650 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

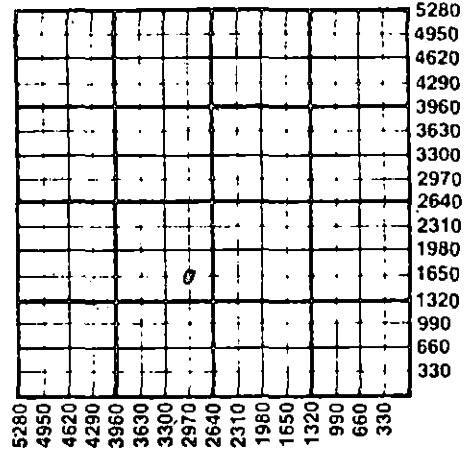
Lease Name Schmucker Well # 1

Field Name

Producing Formation None

Elevation: Ground 1671 KB 1676

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 # T85-939

Groundwater 1600 Ft North from Southeast Corner
(Well) 2970 Ft West from Southeast Corner of
Sec 32 Twp 23 Rge 8 East West

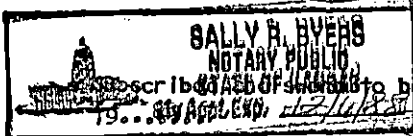
Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

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 11/22/85



Subscribed and sworn to before me this 22nd 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 Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
RECEIVED

Sec 32 Twp 23 Rge 8 W

STATE CORPORATION COMMISSION (7-84)

DEC 6 1985 12-6-85

SIDE TWO

Operator Name ... National Development Co. ... Lease Name ... SCHMUCKER ... Well # ... 1

Sec... 32 ... Twp... 23 ... Rge... 8 ... East West County... Reno

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 3500' - 3520'
 Open 45", Closed 45", Open 45", Closed 45"
 1st Opening: Weak, increased to fair blow 6"
 2nd Opening: Weak steady blow 1/2"
 Recovered: 60' Slightly oil cut muddy water
 240' Muddy saltwater
 IFP: 54# - 91# FFP: 128# - 147#
 ISIP: 1116# FSIP: 1077#
 IHSP: 1877# FHSP: 1822#

Name	Top	Bottom
Haward	2574'	2682'
Topeka	2682'	3016'
Heebner	3016'	3222'
Lansing Ks. City	3222'	3503'
Stark Shale	3503'	3509'
Swope	3509'	3545'
Hertha	3545'	3590'

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"	8-5/8"		220'	60/40 poz	175	2% gel 3% cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
	None			None			
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
None							
Date of First Production	Producing Method						
None	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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