

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 # 5109
name Aylward Drilling Company
address 909 First National Bank Bldg.
Wichita, Kansas 67202
City/State/Zip

Operator Contact Person Frank Hamlin
Phone 316-265-6656

Contractor: license # 5428
name Grayes Drilling Co., Inc.
Wichita, Kansas 67202
Kenneth B. Hamlin

Wellsite Geologist Kenneth B. Hamlin
Phone 316-684-6999

PURCHASER Koch Oil Company (oil)
Kansas Power & Light Co. (gas)

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
7-23-84 7-29-84 7-29-84
Spud Date Date Reached TD Completion Date
4325' 4314'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 407' feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from 407 feet depth to surface w/ 275 SX cmt

API NO. 15-007-21,876-00-00

County Barber

NE SW SE Sec 11 Twp 32S Rge 12 X East West
(location)

990 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

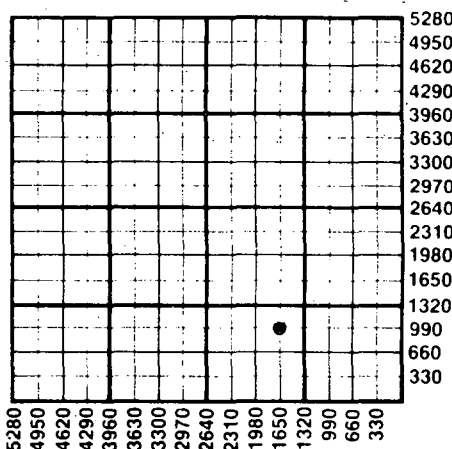
Lease Name Smith "B" Well# 8

Field Name Bloom North

Producing Formation Mississippian

Elevation: Ground 1453' KB 1464'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # 84-432
 Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge East West
 Surface Water 1390 Ft North From Southeast Corner and
(Stream, Pond etc.) 1950 Ft West From Southeast Corner
Sec 11 Twp 32S Rge 12 East West
 Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Docket # CD-11809 (C-20,013)

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. Rules 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 Frank Hamlin
Title General Manager
Date 8-22-84

Subscribed and sworn to before me this 22nd day of August 19 84
Notary Public Norma Stoddard
Date Commission Expires 4-1-87

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

RECEIVED
STATE CORPORATION COMMISSION
AUG 23 1984
CONSERVATION DIVISION
Wichita, Kansas

Sec 11, Twp 32, Rge 12

SIDE TWO

Operator Name Alyward Drilling Co. Lease Name Smith "B" Well# 8 SEC 11 TWP 32S RGE 12 East West

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

Red bed 0 - 407
 Shale & lime 407 - 464
 Shale, lime & red bed 464 - 1547
 Shale & lime 1547 - 4272
 Lime 4272 - 4325
 Rotary Total Depth 4325

Name	Top	Bottom
Lecompton	3282	(-1818)
Heebner	3496	(-2032)
Lansing	3775	(-2211)
Mississippian	4241	(-2777)

Drill Stem Test #1 4245-4272 30/30/60/30
 Gas to surface 20 minutes into 2nd opening, recovered
 120' HO&GCM+120' froggy oil. FP-140/126#. BHP 661/774#

CASING RECORD <input checked="" type="checkbox"/> new <input 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"	23#	407'	common	275 sx.	2% Gel, 3% CC
Production	7-7/8"	4-1/2"	10.5#	4323'	common	100 sx.	10 salt preflush

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	4242-48 and 4256-66	250 gal. MCA Fraced w/20,000# sand	

TUBING RECORD size <u>2 3/8"</u> set at <u>4384</u> packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First Production <u>8-17-84</u>	Producing method <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 <u>100</u> Bbls. Gas <u>50</u> MCF Water <u></u> Bbls. Gas-Oil Ratio <u></u> CFPB Gravity <u></u>

METHOD OF COMPLETION open hole perforation other (specify)
 Dually Completed. Commingled

PRODUCTION INTERVAL
4242-48
4256-66

Disposition of gas: vented sold used on lease