

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 # 5775
name E. H. Wood, Jr.
address 301 Farmers & Bankers Bldg.
Wichita, Kansas 67202
City/State/Zip

Operator Contact Person E. H. Wood, Jr.
Phone (316)262-3413

Contractor: license # 5103
name Union Drilling Co., Inc.

Wellsite Geologist Lee Poulsen
Phone (316)262-0392

PURCHASER Koch

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
10-8-84 10-15-84 1/6/85
Spud Date Date Reached TD Completion Date

4382' Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 258' w/200 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

API NO. 15- 077-21,036-0000

County Harper

SE SE NE Sec 20 Twp 31S Rge 8W

(location) 2970 Ft North from Southeast Corner of Sect
330 Ft West from Southeast Corner of Sect
(Note: locate well in section plat below)

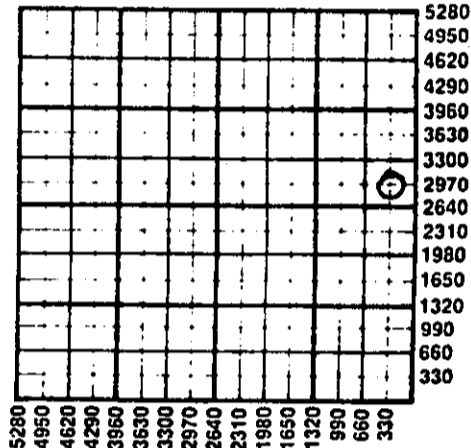
Lease Name Bear Well# 3

Field Name Spivey-Grabs - BASIL

Producing Formation Mississippian

Elevation: Ground 1575 KB 1587

Section Plat



WATER SUPPLY INFORMATION

Source of Water: Pond 250' west of location

Division of Water Resources Permit # T.84-703

Groundwater Ft North From Southeast Corner (Well) Ft. West From Southeast Corner Sec Twp Rge East West

Surface Water 3960 Ft North From Southeast Corner (Stream, Pond etc.) Appx. 660 Ft West From Southeast Corner Sec 20 Twp 31S Rge 8W East West

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

Disposition of Produced Water: Disposal Repressuring

Docket # RECEIVED STATE CORPORATION COMMISSION

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 2000 Colorado Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

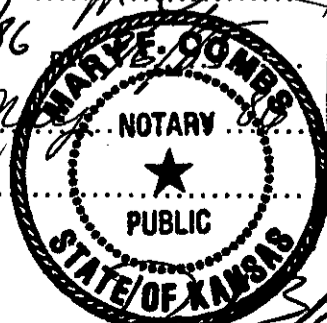
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with this form for confidentiality in excess of 12 months.

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 Title

Subscribed and sworn to before me this 13th day of May, 1986
Notary Public Mary J. Combs
Notary Commission Expires Aug. 25, 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)

sec 20 Twp 31 Rge 8W

Operator Name E. H. Wood, Jr. Lease Name Bear Well# 3 SEC 20 TWP 31S RGE 8W Ea: We

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

0 257 Sand & Surface Clay
 257 1410 Shale
 1410 1615 Shale & Shells
 1615 3681 Shale
 3681 3815 Shale & Lime
 3815 4095 Lime & Shale
 4095 4520 Lime
 4520 RTD

Name Top Bottom

SEE GEOLOGICAL REPORT

DST 4375-82, 30", -30", -60"-60", Gas to surf. in 20"
 Guage 166,000 CFG in 40", Rec 62' GCM, F.P. 40-50# & 50-60#, B.H.P. 1353- 1333#

RECEIVED
 STATE CORPORATION COMMISSION

MAY 13 1986
 5-13-86
 CONSERVATION DIVISION
 Wichita, Kansas

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"	20#	258'	Common	200	2% gel, 3% CC
Production	7-7/8"	5 1/2"	14#	4376'	Common	100	10% salt, 10% bbls. salt flu

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
	STATE CORPORATION COMMISSION MAY 06 1986 5-6-86 CONSERVATION DIVISION Wichita, Kansas	500. gal. 15% acid 6500. gal. Versagel. Frac.	4376-4380' "

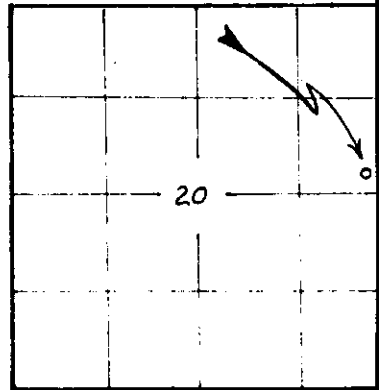
TUBING RECORD size 2 7/8" set at 4335 packer at none Liner Run Yes No

Date of First Production 1/6/85 Producing method flowing pumping gas lift Other (explain)

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	8	36,000	50	4500-1	31

Disposition of gas: vented sold used on lease
METHOD OF COMPLETION open hole perforation other (specify)
 Dually Completed. Commingled
PRODUCTION INTERVAL 4376-82

FORMATION	DEPTH	DATUM
Heebner	3375	(-1788)
Lansing	3622	(-2035)
Kans. City	3895	(-2307)
Stark Shale	4044	(-2457)
Base-K.C.	4142	(-2555)
Cherokee	4282	(-2695)
Mississippi	4374	(-2787)
R.T.D.	4382	(-2795)



REMARKS *The top of the Miss. is fairly high structurally, and as indicated by the D.S.T. the oil zone has not been penetrated. The well should be drilled a few feet deeper before treating.*
Lee Poulsen

