

453-60-60

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 # 6408
Name W. K. Black, Inc.
Address P.O. Box 801
Pratt, KS 67124
City/State/Zip Pratt, Kansas 67124

Operator Contact Person William K. Black
Phone 316-672-5712

Contractor: License # 5107
Name H-30 Inc.

Wellsite Geologist Jim Dilts
Phone 316-263-7092

PURCHASER Ge. H. Trading
Denver, CO 80514

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OHWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

8/24/84 9/04/84 9/4/84
Spud Date Date Reached TD Completion Date
4690'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 395 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. 15-151-21-543

County Pratt

C. NE SW Sec. 33 Twp. 28 Rge. 12 East West

1980 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

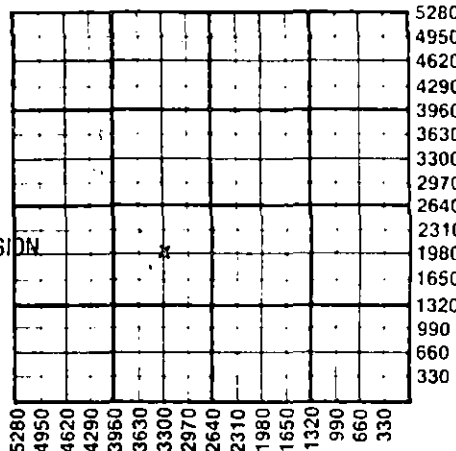
Lease Name Barnes Estate Well # 1A

Field Name Kan-Opener Ext.

Producing Formation Miss. Kc-Kcc

Elevation: Ground 1906 KB

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
DEC 07 10 10 AM '84
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # T. 84-532

Groundwater 1955 Ft North from Southeast Corner
(Well) 3325 Ft West from Southeast Corner of
Sec 33 Twp 28S Rge 12 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.#)

Disposition of Produced Water: Disposal Repressuring

Docket #

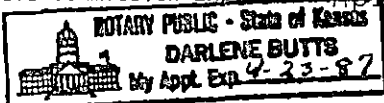
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held 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 [Signature]
Title President Date Dec. 5-84

Subscribed and sworn to before me this 5th day of December 1984

Notary Public Darlene Butts
Date Commission Expires April 23, 1987



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)

SIDE TWO

Operator Name **W. K. Black, Inc** Lease Name **Barnes Est.** Well # **#1A** SEC. **33** TWP. **28S** 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

DST #1 Heartha 4162' - 4197
 30-60-60-90
 Both initial & final flow periods had good blow building to fair. No gas to surface. Rec 65' drilling mud.

DST #2 Marmaton 4194' - 4255'
 30-60-60-90 35' Mud
 ISIP 146 IFP 56/45
 FSIP 112 FFP 56/56
 Temp 126^oF

DST #3 Mississippi 4253' - 5300'
 30-60-60-90
 Rec 15' mud.
 ISIP 135 IFP 33/22
 FSIP 135 FFP 45/33
 Temp 106^oF

DST #4 Viola 4408' - 4430'
 30-60-30-60
 Rec 30' gas cut mud. Stabilized flow 112 MCF on 1st and 2nd open.
 ISIP 1495 IFP 67/56
 FSIP 1484 FFP 67/67 Temp 128^oF

Formation Description		
Name	Top	Bottom
Chase	1994	-77
Council Grove	2324	-407
Indian Cave	2324	-826
Wabaunsee	2791	-874
Stotler	2930	-1013
Tarkio	2984	-1067
Howard	3146	-1229
Topeka	3250	-1333
Heebner	3628	-1711
Brown Lime	3812	-1895
Lansing	3827	-1910
Base Kansas City	4199	-2282
Marmaton	4288	-2365
Conglomerate	4264	-2347
Mississippi Chert	4282	-2365
Mississippi Lime	4288	-2371
Kinderhook	4415	-2498
Viola	4519	-2602
Simpson Shale	4530	-2613
Simpson Dolomite	4536	-2619
Simpson Sand	4626	-2709
Arbuckle	4690	

CASING RECORD <input 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#	395'	Lite Common	300	2%gel, 3%cc
Production	7 7/8"	4 1/2"	10.5#	4629'	60/40 poz	200	10% salt
PERFORATION RECORD Shots Per Foot TWO Specify Footage of Each Interval Perforated Abrasive jet 4284, 4283 1/2, 4266, 4265 1/2				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth 2,000 gal. 7 1/2 NE acid 4265 1/2 Frac 18,000 KCL water to with 10,000# 20/40 & 4284 5,000# 10/20			
TUBING RECORD Size 2 3/8 Set At 4422 Packer at -0-		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
Date of First Production Nov. 1, 1984		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 1 1/2 Bbls		Oil -0- MCF		Gas 3 Bbls		Water Gas-Oil Ratio NA CFPB -0-	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) **Abrasive jet 4283 1/2 - 4266**
 Used on Lease Dually Completed
 Commingled