

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
City/State/Zip Pratt, KS 67124

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

Contractor: License # 5893
Name Pratt Well Service

Wellsite Geologist
Phone

PURCHASER: KS Gas Supply

Designate Type of Completion
 New Well Re-Entry Workover

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

If OWNED: old well info as follows:
Operator W. K. Black, Inc.
Well Name House #1
Comp. Date 10/30/81 Old Total Depth 4536'

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
7/25/84 N/A 8/29/84
Spud Date Date Reached TD Completion Date
4536' 4400'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at N/A 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. 15-007-21,199 (Workover)

County Barber

Sec. 15. Twp 30S. Rge. 12... East West

2310 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

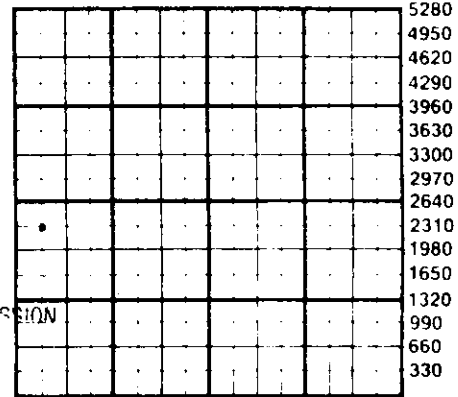
Lease Name HOUSE Well # 1

Field Name Amber Mills

Producing Formation Indian Cave

Elevation: Ground 1805 KB 1810

Section Plat



RECEIVED
OCT 05 1984
10-5-84
Wichita, Kansas

WATER SUPPLY INFORMATION

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

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 *W. K. Black*

Title President Date 9/10/84

Subscribed and sworn to before me this 3rd day of Sept 1984

Notary Public Darlene Butts
Date Commission Expires 4-23-87



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

SIDE TWO

Operator Name W. K. Black, Inc. Lease Name Fincham Well # 1 SEC. 15 TWP. 30S 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

Name Top Bottom

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
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
3SPF	Marmaton 4287' - 4297'			Acidize w/ 750 gal 15% acid			
4SPF	Bern Zone 3200 - 3205			Acidize w/500 gal 10% 150 SX common + 2% cc			
	Perf 1' to block squeeze 3098+3088			Squeeze with 50 sx com + 2%cc			3000'
4SPF				Acidize w/500 gal 15%			
4SPF	Indian Cave 2750 - 2756			Acidize w/500 gal 10%INS			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method					
		<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		
		150/day					

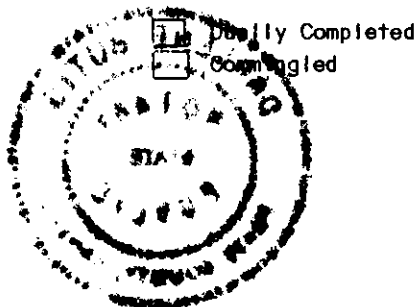
METHOD OF COMPLETION

Production Interval

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

Indian Cave

2750 - 2756



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

Contractor: License # 5893
Name Pratt Well Service

Wellsite Geologist
Phone

PURCHASER: KS Gas Supply

Designate Type of Completion

New Well Re-Entry Workover

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

If ONNO: old well info as follows:

Operator W. K. Black, Inc.
Well Name House #1
Comp. Date 10/30/81 Old Total Depth 4536'

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

7/25/84 8/29/84
Spud Date Date Reached TD Completion Date
4536' 4400'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at N/A 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. 15-007-21,199 (Workover)

County Barber

E. NW . NW . SW. Sec. 15. Twp 30S. Rge. 12 East West

2310 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

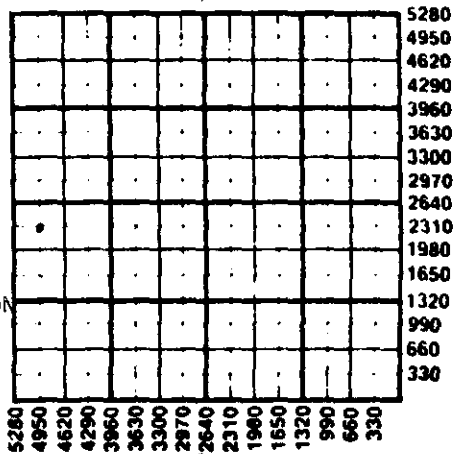
Lease Name House Well # 1

Field Name Amber Mills

Producing Formation Indian Cave

Elevation: Ground 1805 KB 1810

Section Plat



WATER SUPPLY INFORMATION

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

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

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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 9/10/84

Subscribed and sworn to before me this 3rd day of Sept 1984

Notary Public Darlene Butts Date Commission Expires 4-23-87



K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received
Distribution
 KCC SMD/Rap NGPA
 KGS Plug Other (Specify)

Operator Name **W. K. Black, Inc.** Lease Name **Fincham** Well # **1** SEC. **15** TWP. **30S** 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

		Name	Top	Bottom	
DST #1	30-60-45-90 REC 60' GCM IHP 1349 FFP 70-8- GTS 3 MIN IFP 80-60 FCIP 1004 ICIP 1024 PHP 1308 147,000 CFD FFP	2712	2767	INDIAN CAVE HOWARD HEEBNER TORONTO BROWN LIME LANSING BASE K.C. MISSISSIPPI KINDERHOOK VIOLA RTD	2715-904 3154-1343 3686-1875 3704-1893 3850-2039 3862-2051 4266-2455 4324-2513 4356-2545 4478-2667 4536-2725
DST	NO TEST. (MB RUN)	3090	3103		
DST #3	30-60-90 REC. 120' IHP 1549 FFP 108-86 GC & OSM IFP 86-64 FCIP 679 ICIP 389 PHP 1549	3090	3103		
DST #4	30-60-30-60 REC 15' IHP 2219 FFP 883-675 GO IFP 1091-883 PSIP 1485 660' OSC ISIP 1579 PHP 2188 GMW GTS 5 MIN 2,500,000 CFD FFP	4284	4322		
DST #5	15-48-20-60 IHP 2265 FFP 1194-1188 IFP 1225-1189 PSIP 1492 ICID 1513 PHP 2240 GTS 1 MIN. FFP 6,640,000 CFD	4478	4484		

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
.....
.....
.....

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
3SPF	Marmaton 4287' - 4297'	Acidize w/ 750 gal 15% acid	
4SPF	Bern Zone 3200 - 3205	Acidize w/ 500 gal 10% 150 SX common + 2% CC	
4SPF	Perf 1' to block squeeze 3098-3088	Squeeze with 50 SX com + 2% CC	3000'
4SPF	3092' - 3094	Acidize w/ 500 gal 15%	
4SPF	Indian Cave 2750 - 2756	Acidize w/ 500 gal 10% INS	

TUBING RECORD	Size	Set At	Pecker at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First Production	Producing Method
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
		150/day			

METHOD OF COMPLETION

Production Interval

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

Indian Cave.

2750...2756.

