

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 # 4101  
Name Blackhawk Energy  
Address P.O. Box 1910  
City/State/Zip Great Bend, KS 67530

Purchaser: KACH Oil

Operator Contact Person Bobby Beard  
Phone 316 792-8141

Contractor: License # 6394  
Name Mohawk Drilling, Inc.

Wellsite Geologist Bobby Beard  
Phone 316 792-8141

Designate Type of Completion

- New Well  Re-Entry  Workover
- Oil  SMD  Temp Abd
- Gas  Inj  Delayed Comp.
- Dry  Other (Core, Water Supply etc.)

If ONWO: old well info as follows:

Operator  
Well Name  
Comp. Date  
Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary  Air Rotary  Cable

Spud Date 1-21-86 Date Reached TD 1-27-86 Completion Date 3-15-86  
Total Depth 3930 PBTD

Amount of Surface Pipe Set and Cemented at 334 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 cmf

API NO. 15-185-22,348-0000  
County Stafford  
NE NW SE Sec 11 Twp 23 Rge 13  East  West

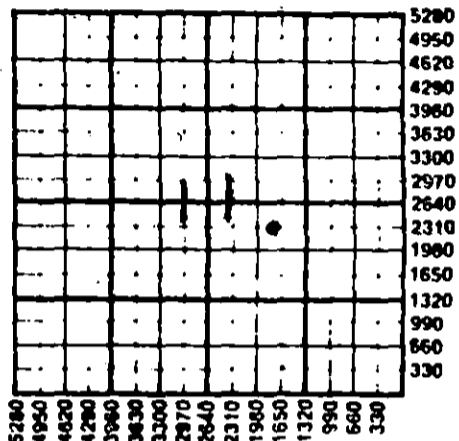
2310 Ft North from Southeast Corner of Section  
1725 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Firebaugh Well # 1  
Field Name Happy Valley NE

Producing Formation AUCKLE

Elevation: Ground 1864 KB 1874

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit # T 86-51

- Groundwater 2405 Ft North from Southeast Corner (Well) 1675 Ft West from Southeast Corner of Sec 11 Twp 23 Rge 13  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.

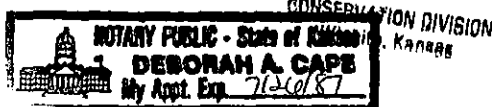
Signature [Signature] Date April 16, 1986

Subscribed and sworn to before me this 16th day of April 1986

Notary Public Deborah A. Cape STATE CORPORATION COMMISSION

Date Commission Expires 7/20/87 APR 17 1986

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



4-17-86

Sec. 11 Twp 23 Rge 13

Operator Name Blackhawk Energy Lease Name Firebaugh Well # 1

Sec. 11 Twp. 23 Rge. 13  East  West County Stafford

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
Heab Sh	3272	
TORONTO LN	3292	
Br LN	3406	
LOWSONG	3425	
BSE K.C	3672	
Viola	3766	
Simp Sh	3811	
Simp So	3814	
ARBUCKLE	3867	
R.T.D	3930	
L.T.D	3926	

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 (U)	12 1/4	8 5/8	28	334	50/50 Poz	250	3% CC
Production (N)	20 1/2	17 7/8	14	3924	60/40 Poz	110	2% Gel 75% CFR-2
(U)	75 jts						10% Salt 15 bbl salt flush

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 per	3870 - 3872	120 gal 15% NE ACID	

TUBING RECORD Size 2 7/8 Set At 3930 Packer at None Liner Run  Yes  No

Date of First Production March 18 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

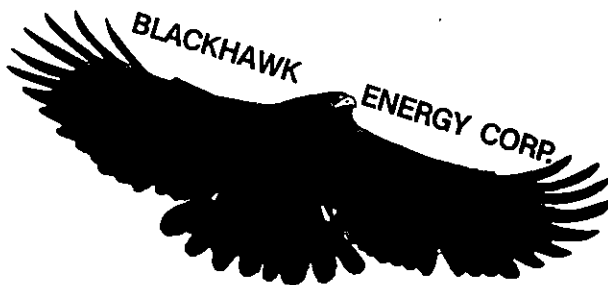
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	20 Bbls	00 MCF	1350 Bbls	CFPB	29.0

METHOD OF COMPLETION

Production Interval

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

BOBBY BEARD, Chairman of the Board  
P.O. Box 1910  
GREAT BEND, KANSAS 67530



Office (316) 792-8141  
Mobile (316) 792-8261  
at Tone 1218

Blackhawk Energy Corp.  
#1 Firebaugh  
11-23s-13w  
Stafford County, Kansas

Drill Stem Test Results

DST #1-3550-3610-45/45/45/45, Recovered 90' very slight  
oil cut mud (2% oil) BHP 589-687# FP 64-74#/  
81-87# HSH 1957-1909#

DST #2-3732-3810-45/45/45/45, Recovered 60' gas in pipe,  
70' fluid (2% O, 80% M, 18% G) 340' fluid (2% O,  
30% M, 38% G, 30% W) 140' (3% O, 10% M, 77% W,  
10% G) BHP 1202-1141# FP 99-189/232-261# HSH  
2052-2027#

DST #3-3870-3875-55/48/45/45, Recovered 60' gas in pipe,  
10' fluid (15% O, 50% M, 5% W, 30% G) 120' (20% O,  
20% M, 55% W, 5% G) 720' (20% O, 5% G, 75% W)  
1080' (15% O, 5% G, 80% W) BHP 1326-1322# FP 136-  
534#/606-819# HSH 2087-2057#

FILED  
STATE CORPORATION COMMISSION

APR 24 1986

CONSERVATION DIVISION  
Wichita, Kansas