

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, KANSAS 67124
City/State/Zip

Operator Contact Person WILLIAM K. (BILL) BLACK
Phone 316-672-5712

Contractor: License # 5829
Name ALDEBARAN DRILLING CO., INC.

Wellsite Geologist JIM DILTS
Phone 316-263-7092

PURCHASER INLAND CRUDE

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD 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
5-2-85 5-12-85 5-5-24-85
Spud Date Date Reached TD Completion Date
4,500'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 261 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. 15-151-21,601-00-00

County PRATT

NE NE NW Sec 9 Twp 27 Rge 12 East West

4950 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

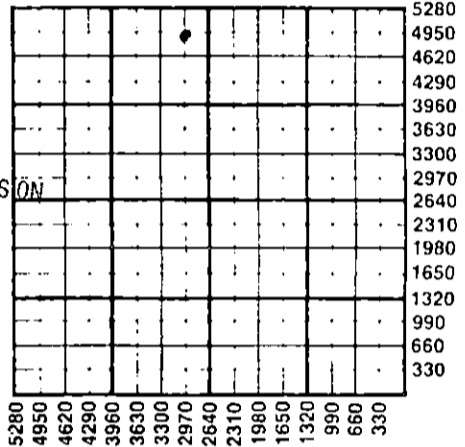
Lease Name STUDER Well # 1-A

Field Name WILDCAT Drimes

Producing Formation MISSISSIPPI

Elevation: Ground 1857 KB 1864

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # T85-250

Groundwater 2960 Ft North from Southeast Corner
(Well) 4940 Ft West from Southeast Corner of
Sec 9 Twp 27 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.

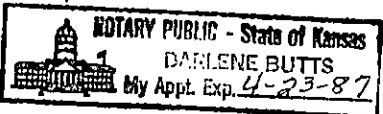
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]

Title PRESIDENT Date 5-29-85

Subscribed and sworn to before me this 29th day of May 1985

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)

Operator Name W.K. BLACK, INC. Lease Name STUDER Well# 1-A SEC. 9 TWP. 27 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

DST#1 1935'-75 30-60-30-60 Rec. 1020' water, chlorides 105,000. I.F. 167-447; F.F. 487-567; I.S.I. 657; F.S.I. 1657

DST#2 3882-3866 30-60-30-60; I.F.P. 101-386; L.S.I.P. 1373; F.F. 436-547; F.S.I.P. 1373 I.H.P. 2007; F.H.P. 1978.

DST#3 4134-4185 30-60-30-60 Strong-bottom of bucket in 1 min. Gas to surface during initial shut in. I.H.P. 2127; F.H.P. 2117; I.F. 81-142; F.F. 142-162; I.S.I.P. 1462; F.S.I.P. 1452. Chlorides 37,000. Temp. 130°. Rec. 210' GWMCO (60% oil, 20% gas 10% water 10% mud) 120' MCGO (80% oil, 10% gas, 10% mud), 60' MCGO (50% oil, 40% gas, 10% mud.)

Name	Top	Bottom
Heebner	3510	- 1646
Toronto	3529	- 1665
Douglas Shale	3551	- 1687
Brown Lime	3692	- 1828
Lansing	3708	- 1844
Base of K.C.	4054	- 2190
Marmaton	4065	- 2201
Cong.	4112	- 2248
Mississippi	4146	- 2282
Miss. Lime	4218	- 2354
Kinderhook Shale	4327	- 2463
Viola	4340	- 2476
Simpson	4396	- 2532
Simpson Sand	4414	- 2550
Arbuckle	4465	- 2601

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 1/2	8 5/8"	23#	261	60-40 poz common	100	4%gel 2%cc 3%cc
Production	7 7/8	4 1/2	10.5#	4,466	50-50 poz	125	2%gel 18%salt
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			
4	4158'-4188'			500 gal. 10% N.E. 2,000 gal. 15% N.E. Frac. 40,000 gal. crosslink gel, 20,000# 20/40; 20,000# 10/20 sand			4158 4188
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size	Set At	Packer at			
5-23-85		2 3/8"	4,248	----			
Date of First Production		Producing Method					
5-23-85		<input checked="" 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	
0		200 Bbls	Being tested MCF	-0-	NA	41 1/2	
				Bbls		CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 4158-4188
 Used on Lease Dually Completed
 Commingled

Physical Productivity Report to THE STATE CORPORATION COMMISSION, Conservation Division

ACO-2

W.K. Black Inc Producer's Name Studer Lease Name 1-A Well No. Armes Pool Pratt County Miss Producing Horizon Inland Crude Pipe Line (Purchaser)

Taken 7 Month 5 Day 19 85 Effective 9 Month 27 Day 12 R. E W API # 15-151-21-601-00-00

Tank No.	Size	Opening Gauge				Barrels	Closing Gauge				Barrels
		Oil Level		B. S. & W.			Oil Level		B. S. & W.		
		Ft.	In.	Ft.	In.		Ft.	In.	Ft.	In.	
Gun Bbl.											
Settling Tank											
Tall	250	1	9			3516	40				80.19
4479											35.16
											45.03

Well Data	
Top Prod. Horizon	4146 Ft. Total Depth 4500 Ft.
Perforations	4158 to 4188 Ft.
Packer	Set at Ft.
Size of Casing	4 1/2 Set at 4866 Ft.
Size of Tubing	2 3/8 Set at 4248 Ft.
Size of Pump	1 1/2 Type Forest Tractor/Barnwell
Gravity of Oil	43.6 Temp. 90
Percentage of Water	Trace Acid 2009 gal. Date 8-17-85

Test Data	
Temporary	<input checked="" type="radio"/> Permanent <input checked="" type="radio"/> Field <input type="radio"/> Special
Flowing	Swabbing <input type="radio"/> Pumping <input checked="" type="radio"/>
Length of Stroke	64 In. S. P. M. 8

Total Bbls. Produced = 135.09 Bbl Productivity. X 3 =

REMARKS: Initial Test 8 hr Test

SEALS and USES:

WITNESSING: We, the undersigned, personally witnessed the gauging periods as indicated by our signatures, and certify that they were taken according to the Commission's Rules.

Gauge Witnesses	Opening Gauge	Closing Gauge
For Producer		
Offset Owner		
For Offset Owner		
For State		

Darlene Butts
J.H. Murphy

Pretest Information:	Well Location 4800N 5EC 2990W 5EC
Hours pumped	84
Bbls. Produced	45.03
Tank Tables Used	✓
Est.	1.67 (Bbls. per In.)
Checked by:	

Ft. From W. Line				Ft. From N. Line