

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

F Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

C Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # 6393 EXPIRATION DATE 6-30-83

OPERATOR BROUGHER OIL, INC. API NO. 15-185-21,710-0000

ADDRESS 614 Patton Road, P.O. Drawer 1367 COUNTY Stafford

Great Bend, KS 67530 FIELD German Valley

** CONTACT PERSON Joe E. Brougher PROD. FORMATION Arbuckle

PHONE 316-793-5610

PURCHASER GETTY CRUDE GATHERING, INC. LEASE STARGEL

ADDRESS Box 3000 WELL NO. #1

Tulsa, Oklahoma 74102 WELL LOCATION SE SW NE

DRILLING CONTRACTOR BIG KAT, INC. 2310 Ft. from North Line and

ADDRESS P.O. Box 18154 1650 Ft. from East Line of

Wichita, KS 67218 the NE/4(Qtr.) SEC4 TWP 22 RGE 12 (W).

PLUGGING CONTRACTOR _____ WELL PLAT _____ (Office Use Only)

ADDRESS _____

TOTAL DEPTH 3750 PBDT _____

SPUD DATE 12-23-82 DATE COMPLETED 3-22-83

ELEV: GR 1858' DF 1860' KB 1863'

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE _____

Amount of surface pipe set and cemented 309 DV Tool Used? _____

THIS AFFIDAVIT APPLIES TO: (Circle ONE) Oil, Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other _____

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

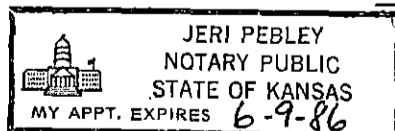
A F F I D A V I T

Joe E. Brougher, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

Joe E. Brougher (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 29th day of March, 1983.



Jeri Pebley (NOTARY PUBLIC)

3-31-83

MY COMMISSION EXPIRES: 6-9-86

** The person who can be reached by phone regarding any questions information. RECEIVED STATE CORPORATION COMMISSION

MAR 31 1983

CONSERVATION DIVISION Wichita, Kansas

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. #1

FORMATION DESCRIPTION, CONTENTS, ETC.			TOP	BOTTOM	SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
Check if no Drill Stem Tests Run.					NAME	DEPTH
Sand			0'	193'	FORMATION	LOG TOPS DATUM
Sand & Shale			193'	314'	ANHYDRITE	654 +1209
Redbed & Shale			314'	650'	BASE ANHYDRITE	675 +1188
Shale & Clay			650'	950'	TOPEKA	2850 - 987
Shale			950'	2375'	HEEBNER	3144 -1281
Lime & Shale			2375'	3582'	TORONTO	3164 -1301
Arbuckle			3582'	3750'	DOUGLAS	3177 -1314
D.S.T.#1 3526-3580 (Viola)					BROWN LIME	3279 -1416
45-45-45-45					LANSING	3294 -1431
Recovery: 90' Gassy Drilling Mud w/oil spots (Mud 80%, Filtrate 2%, Oil less than 2%) Some free oil at top of tool					VIOLA	3529 -1666
IFP 56-56; ISIP 102; FFP 68-68; FSIP 90					SIMPSON SAND	3577' -1714
D.S.T.#2 3569-3639 (Arbuckle)					ARBUCKLE	3632 -1769
Recovery: 230' Mud MISRUN					T.D.	3750 -1887
D.S.T.#3 3631-3639 (Arbuckle)						
Recovery: 120' Mud MISRUN						
D.S.T.#4 3632-3639 (Arbuckle)						
Recovery: 500' Mud MISRUN						
D.S.T.#5: 3541-3639 (Arbuckle)						
60-30-60-30						
Recovery: 124' Gassy Drilling Mud w/oil spots some free oil @top of tool. 124' of gas in pipe.						
IFP 79-113; ISIP 215; FFP 113-113; FSIP 188						
D.S.T.#6: 3636-3644 (Arbuckle)						
Recovery: 868' of gassy mud w/oil specks (35% gas, 58% mud, 7% water)						
Remarks: Packer failure, tried re-setting 3 times. No luck.						
MISRUN						
See Page 2 for Continuation of drill stem tests						
If additional space is needed use Page 2, Side 2						

Report of all strings set— surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	28#	309'	Common	300	60/40 POZ, 3%CC
Production	7 7/8"	5 1/2"	14#	3745'	Common	150	50/50 POZ, 18% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	DP	Size & type	Depth interval
			3	DP		3640-3643
			3	DP		3626-3629
			3	DP		3572-3576
			3	DP		3586-3590
			3	DP		3535-3540
			3	DP		3516-3518
			3	DP		3424-3428

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD DP (3) 3362-3364

Amount and kind of material used	Depth interval treated
55 Gal. Mud Acid & 250 Gal. MOD 202	3640-3643
1500 Gal. MCA 15%	3516-3629
500 Gal. MCA 15%	3424-3428
250 Gal. MCA 15%	3362-3364

Squeezed Perfs from: 3626-29; 3586-90; 3572-76; 3535-40; and 3516-18 150 sacks cement

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
8-22-83	Pumping	Gravity
Production - I.P.	Oil 75 bbls.	Water % 600 MCF bbls.
Disposition of gas (vented, used on lease or sold)		Gas-oil ratio CFPB

Perforations 3640-43', Arbuckle

FILL IN WELL LOG AS REQUIRED: WELL NO. 1

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
D.S.T. #7, 3538-3644 (Arbuckle) 45-30-45-30 IFP 102-386; ISIP 922; FFP 409-511; FSIP 922 Recovery: 1116'				
124' Gassy oil cut mud (75% Mud, 12% Oil, 12% Gas)				
186' Gassy Oil Cut mud (80% Mud, 18% Oil, 2% Gas)				
496' Gassy Oil Cut Watery Mud (55% Mud, 30% Water, 15% Oil)				
310' Oil Cut Muddy Salt Water (85% Water, 10% Mud, 5% Oil)				
868' Gas in Pipe				
<u>FORMATION DESCRIPTION</u>	<u>SAMPLE</u>	<u>DEPTH</u>		
Limestone, cream, tan & gray, finely crystalline, slightly oolitic w/fair visible porosity, very light odor & slight show free oil.	3426	3430		
Limestone, white, oolitic & fossiliferous scattered porosity w/light spotted stain.	3460	3466		
VIOLA Mostly white & tan cherty limestone, becoming more chert toward base, fair fractured porosity. Light odor & fractured stain (Covered in DST#1)	3529	3576		
Shale, red, green & blue waxy w/monor sand inclusions. No show	3577	3627		
Sandstone, tan to gray, fine to medium grained, well rounded, friable w/good visible inter-granular porosity, good show free oil (Covered in DST#2-DST#5)	3628	3631		
ARBUCKLE Dolomite, brown to buff, finely crystalline oolitic in the top few feet, becoming fine to medium crystalline with fair inter-crystalline porosity, very gassy w/good show free oil. (Covered in DST#2-DST#6)	3632	3639		
Dolomite, brown to buff, finely crystalline w/good inter-crystalline & pin-point vugular porosity. Good show of free oil (Covered in DST#6 & DST#7)	3640	3644		
The remaining Arbuckle section, that was cut was all very similar in appearance being mostly fine to medium crystalline with good inter crystalline porosity w/show of oil carried throughout	3645	3650		

STATE OF KANSAS
STATE CORPORATION COMMISSION - CONSERVATION DIVISION
245 North Water
Wichita, Kansas 67202

FORM C-2

DATA AND AFFIDAVIT

(On Cementing in Surface or Drive Pipe and required by Rule 82-2-123 of the Commission for compliance with Section 55-136, 55-137 and 55-138, 1947 Supplement to G.S. Kansas 1935)

LEASE OWNER Brougher Oil, Inc.

OFFICE ADDRESS Drawer 1367, Great Bend, Kansas 67530

LEASE NAME Stargel WELL NO. 1 COUNTY Stafford

EXACT SPOT LOCATION SE SW NE SEC. 4 TWP. 22S RGE. 12 (W) (E)

CONTRACTOR Big Kat, Inc.

OFFICE ADDRESS P. O. Box 18154, Wichita, Kansas 67218

Drilled with (~~Cable~~) or (Rotary) tools: Date pipe set 12-24-1982

SURFACE HOLE DATA

SURFACE PIPE DATA

Size of Hole 12 1/4" Csg. (~~new~~) or (used) XXXX Size 8 5/8 wt. 28#

Depth 310' Where set 309'

METHOD OF CEMENTING

Cement: Amount and kind 300 sx of 60/40 POZ, 3% CC.

Method: (By Service Co., ~~Dunk~~ ~~Trak~~, etc.)

Est. Height Cement behind pipe _____

GROUND WATER INFORMATION

Depth to bottom of lowest fresh water producing stratum _____

Name of lowest fresh water producing stratum _____

Surface elevation of well _____

ADDITIONAL INFORMATION

(Additional information may be submitted on separate sheet)

A F F I D A V I T

STATE OF Kansas, COUNTY OF Sedgwick SS,

I, Gerald J. Kathol, of the Big Kat, Inc. Company, being first duly sworn on oath, state: That I have knowledge of the facts, statements and matters herein contained and that the same are true and correct.

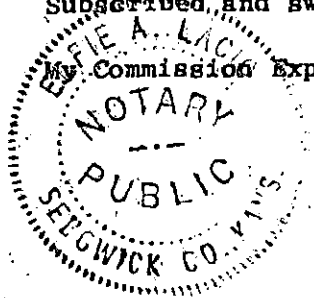
Gerald J. Kathol

Subscribed and sworn to before me on this 7th day of January 19 83

My Commission Expires: 4-4-1984

Elfie A. Lacio

Notary Public Elfie A. Lacio



RECEIVED
STATE CORPORATION COMMISSION

MAR 31 1983
CONSERVATION DIVISION
Wichita, Kansas

OPERATOR: Brougher Oil, Inc.

WELL NAME: Stargel # 1 LOCATION: SE SW NE 4-22S-12W

COUNTY: Stafford STATE: Kansas

WELL COMMENCED: 12-23-1982 WELL COMPLETED: 1-3-1983

ELEVATION: _____ TOTAL DEPTH: 3750'

PRODUCTION: yes RIG NO: 1

CASING - 8 5/8" Run 8 Jts. of used 8 5/8, # 28, tallied 304', set @ 309'
Cemented w. 300 sx of 60/40 POZ, 3% CG.

Run Jts. of used 5 1/2", tallied 3750', set @ 3745'.
5 1/2" Cemented w. 150 sx of 50/50 POZ, 18% Salt.

ALL MEASUREMENTS TAKEN FROM THE TOP OF ROTARY BUSHING:

FROM	TO	FORMATION	DEVIATION FROM VERTICAL	REMARKS
0'	193'	Sand	Slope Test @ 314'	1/4° off
193'	314'	Sand & Shale	" " @ 3308'	1 1/4° off
314'	650'	Redbed & Shale		
650'	950'	Shale & Clay		
950'	2375'	Shale		
2375'	3582'	Lime & Shale		
3582'	3750'	Arbuckle		

RECEIVED
STATE CORPORATION COMMISSION
MAR 31 1983
CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS

COUNTY OF Sedgwick

The undersigned hereby certifies that to the best of his knowledge and belief, the above facts are true and correct.

BIG KAT, INC.

By Ronald J. Kathol

- SUBSCRIBED AND SWORN TO, BEFORE ME, THIS 7th day of Jan., 1982

My Commission Expired: 4-4-1984

Elfie A. Lacio

NOTARY PUBLIC
Elfie A. Lacio

