

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

Compt. \_\_\_\_\_

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. No Log

LICENSE # 6393 EXPIRATION DATE June 30, 1984

OPERATOR Broucher Oil, Inc. API NO. 15-009-23,112 0000

ADDRESS P.O. Drawer 1367 COUNTY Barton

Great Bend, KS 67530 FIELD Kraft Prusa

\*\* CONTACT PERSON Joe E. Broucher PROD. FORMATION

PHONE (316) 793-5610

PURCHASER LEASE Harzman

ADDRESS WELL NO. #2

DRILLING Big Kat, Inc. WELL LOCATION SE SW SW

CONTRACTOR 330 Ft. from South Line and

ADDRESS P.O. Box 18154 990 Ft. from West Line of

Wichita, Kansas 67218 the SW/4 Qtr.) SEC 33 TWP 16 RGE 11 (W).

PLUGGING WELL PLAT (Office Use Only)

CONTRACTOR KCC ✓

ADDRESS KGS ✓

TOTAL DEPTH 3565' PBTD SWD/REP ✓

SPUD DATE 6-7-83 DATE COMPLETED 8-12-83 PLG. \_\_\_\_\_

ELEV: GR 1876' DF 1878' KB 1881'

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 734' 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

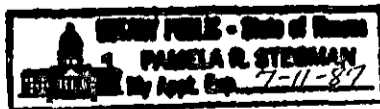
that:

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. Broucher*  
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 9th day of September,

19 83.



*Pamela R. Stegman*  
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: 7-11-87

Pamela R. Stegman

RECEIVED STATE CORPORATION COMMISSION

\*\* The person who can be reached by phone regarding any questions concerning this information.

SEP 12 1983 9-12-83

CONSERVATION DIVISION Wichita, Kansas

OPERATOR BROUGHER OIL, INC. LEASE HARZMAN SEC. 33 TWP. 16 RGE. 11

FILL IN WELL INFORMATION AS REQUIRED: WELL NO. #2

FORMATION DESCRIPTION, CONTENTS, ETC.		TOP	BOTTOM	NAME	DEPTH
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.			
Check if no Drill Stem Tests Run.				FORMATION	
Top Soil and Post Rock		0'	40'	Anhydrite	732' +1149
Clay Shale		40'	696'	Topeka	2636' -755
Shale		696'	729'	Heebner	2928 -1047
Anhydrite		729'	739'	Toronto	2946' -1065
Shale		739'	1545'	Douglas	2960' -1079
Shale & Lime		1545'	3067'	Brown Lime	3026' -1145
Lime & Shale		3067'	3124'	Lansing-KC	3040' -1159
Shale & Lime		3124'	3131'	Base KC	3288' -1407
Lime & Shale		3131'	3225'	Arbuckle	3339' -1458
Shale & Lime		3225'	3255'	LTD	3454' -1573
Lime & Shale		3255'	3450'	RTD	3565' -1684
Arbuckle		3450'	3520'		
Granite		3520'	3537'		
Granite Wash		3537'	3565'		
<b>ZONES OF INTEREST</b>		<b>DESCRIPTION</b>		<b>LOG DEPTHS</b>	
White and tan finely crystalline fossiliferous oolitic and oolitic limestone with fair visible oolitic porosity, slight stain and scattered saturation with light odor. Perforate and test before abandoning.		2988'	2996'		
Toronto Buff and tan finely crystalline cherty fossiliferous limestone with scattered pin-point porosity very slight show of heavy, black tarry oil and questionable light odor. Warrants no further testing.		2947'	2952'		
Douglas Sand Gray fine grained calcareous sand stone being slightly micaceous with light odor and show of free oil. (Covered in DST #4 Straddle Test.) If additional space is needed use Page 2, Side 2		2978'	2990'		

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	14-3/4"	10-3/4"	35	734'	Common	475	60/40 pozmix, 3% CC, 2% gel
Production	8-3/4"	7"	32	3398'	Common	150	50/50 Pozmix, 18% Salt

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 Shots/per	ft.	3224' to 3228'
<b>TUBING RECORD</b>			2 Shots/per	ft.	2980' to 2986'
Size	Setting depth	Pecker set at	2 Shots/per	ft.	2888' to 2894'
2-3/8"	3385'	3385'			

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
Acidized w/1500 gallons of 28% FE Acid	3398' to 3565'
Acidized w/500 gallons of 15% MCA Acid	3224' to 3228'
Isolate perforation and squeeze	2980' to 2986'
Squeeze Perforations with 100 sks. 50/50 pozmix	
75 sks. 50/50 pozmix 5# gel.	3224' to 3228'

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
Estimated Production -I.P.	Oil bbls.	Gas MCF
	Water %	Gas-oil ratio
		CFPB

Disposition of gas (vented, used on lease or sold)

Perforations

OPERATOR BROUGHER OIL, INC. LEASE NAME HARZMAN

SEC. 33 TWP. 16S RGE. 11W

(E)  
(W)

FILL IN WELL LOG AS REQUIRED: WELL NO. 2

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
DST #4 (Straddle Test) 45-45-45-45 First Flow: ½" blow increasing to 2" Second Flow: 2" throughout Recovery: 120' mud IH 1638 IF 90-122 ISIP 927 FF 131-163 FSIP 879 FH 1606 White to cream, dense oolitic and fossiliferous limestone with scattered porosity, very slight show free oil and light odor. (Covered in DST #1)	2923'	3053'		
Limestone, white to tan finely crystalline fossiliferous with trace of scattered stain and saturation. Slight show of free oil.	3041'	3044'		
DST #1 30-30-30-30 Recovery: 10' very slight oil cut mud IH 1600 FF 51-51 ISIP 68 FF 51-51 FSIP 59 FH 1567	3074'	3078'		
Tan to buff finely crystalline oolitic limestone with good oolitic porosity slight show free oil and light odor. (Covered DST#2)	3029'	3078'		
DST #2 45-45-45-45 First Flow: ¼" blow building to 2½" Second Flow: 2" blow building to 3" Recovery: 200' watery mud IH 1633 IF 17-68 ISIP 618 FF 68-110 FSIP 618 FH 1592	3127'	3131'		
Cream to tan finely crystalline oolitic and oolitic limestone with good visible porosity fair odor and slight show free oil.	3116'	3131'		
DST #3 45-45-45-45 First Flow: Weak blow building to 1½" Second Flow: 2½" blow throughout Recovery: 70' Oil cut mud IH 1700 IF 17-42 ISIP 762 FF 51-60 FSIP 720 FH 1658	3222'	3225'		
Conglomerate Vari-colored cherts and shales absent of any sand. No shows.	3213'	3225'		
Arbuckle White to gray fine to coarse crystalline dolomite with good inter-crystalline porosity trace of stain no odor or show free oil.	3312'	3339'		
Dolomite (as above)	3339'	3347'		
	3350'	3370'		

RECEIVED  
STATE CORPORATION COMMISSION  
SEP 12 1983  
CONSERVATION DIVISION  
Wichita, Kansas