SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 185-22,349

County Stafford

SE NW NE Sec. 29 Twp. 22S Rge. 11 __ East XX West

3300 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Gatton "C" Well # 3

Field Name Richardson

Producing Formation Arbuckle

Elevation: Ground 1824' KB 1829'

Operator: License # 5407
Name Hupfer Oil & Gas
Address 3711 Country Lane
City/State/Zip Hays, KS 67601

Purchaser Koch Oil Co.
Wichita, KS

Operator Contact Person Dennis D. Hupfer
Phone (913) 628-8666

Contractor: License # 5107
Name H-30, Inc.

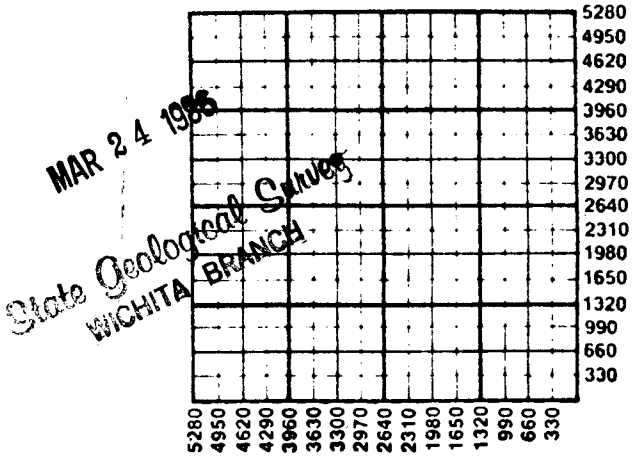
Wellsite Geologist Rod Tremblay
Phone 316-792-1383

Designate Type of Completion
XX New Well __ Re-Entry __ Workover

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

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

Section Plat



MAR 24 1986
State Geological Survey
WICHITA BRANCH

WELL HISTORY

Drilling Method:
X Mud Rotary __ Air Rotary __ Cable

1-30-86	2-4-86	2-4-86
Spud Date	Date Reached TD	Completion Date
3760'		
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 255 feet
Multiple Stage Cementing Collar Used? __ Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated

WATER SUPPLY INFORMATION

Disposition of Produced Water: Aspen Disp. X Disposal __ Repressuring
Docket # D-18,204

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

Source of Water:
Division of Water Resources Permit # Applied for by H-30, Inc

XX Groundwater 3275 Ft North from Southeast Corner
(Well) 3225 Ft West from Southeast Corner of
Sec 29 Twp 22S Rge 11 __ East X West

__ Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge __ East __ West

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	35 Bbls	T.S.T.M. MCF	200 Bbls	CFPB	

METHOD OF COMPLETION

Disposition of gas:
[ ] Vented
[ ] Sold
[X] Used on Lease

[ ] Open Hole [X] Perforation
[ ] Other (Specify)
[ ] Dually Completed

Production Interval
3656 to 3666
Arbuckle

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.

SIDE TWO

Operator Name Hupfer Oil & Gas Lease Name Gatton "C" Well # 3

Sec. 29 Twp. 22S Rge. 11 ☐ 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

DST #1 - Arbuckle - 3620 to 3632 ft. 45-30-45-30. Recovered 575 ft. G.I.P. & 25 ft. HOCM. IBHP 21, FBHP 31, IFP 42-21, FFP 21-21.

DST #2 - Arbuckle - Straddle - 3618 to 3656 ft. - 45-30-45-30. G.T.S. in 10 min. T.S.T.M. Recovered 300 ft. clean gassy oil & 60 ft. HOCM. IBHP 412, FBHP 414, IFP - 95-117, FFP 138-138.

MICT - Perforate Arbuckle 3692 to 3694, 2 holes per foot. Acidized with 250 gal. Mod 202 - no show. Bridge plug @ 3680 ft. Perforate Arbuckle 3656 to 3666 ft., 2 holes per foot. Acidized with 750 gal. Mod 202 - swabbed load - good show oil & gas. T&R. P.O.P.

Formation Description
☐ Log ☒ Sample

Name	Top	Bottom
top soil, sand	0	95'
red bed, sand	95'	255'
shale	255'	1445'
shale, lime	1445'	1748'
lime, shale	1748'	3585'
lime, shale, sand	3585'	3760'
Rotary total depth	3760'	
Heebner	3098	-1266
Toronto	3117	-1285
Douglas	3132	-1300
Brown Lime	3235	-1403
Lansing	3261	-1429
Base K.C.	3507	-1675
Viola	3564	-1732
Simpson	3569	-1737
Arbuckle	3614	-1782
R.T.D.	3740	-1908

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	12-1/4	8-5/8	24#	255'	60/40poz	225	3%cc, 2%gel
production	7-7/8	5-1/2	14#	3759'	50/50poz	125	18%salt 3/4%322
					20bbl. salt flush		500gal. spr. flush

PERFORATION RECORD Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	3656 to 3666	750 gal. MOD 202	3656 to 3666

TUBING RECORD Size 2-7/8 Set At 3670 Packer at Liner Run ☐ Yes ☒ No

Date of First Production 3-1-86 Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain)