

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 # 6037
Name Staab Oil Co.
Address H.C. 39, Box 119
Hays, Kansas 67601
City/State/Zip

Purchaser Inland Crude Purchasing
Wichita, Kansas

Operator Contact Person Francis C. Staab
Phone 913-625-5013

Contractor: License # 5886
Name Warrior Drilling Co.
Wichita, KS

Wellsite Geologist Mitch Allen
Phone 316-262-3791

Designate Type of Completion

New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Corp, 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

12-17-86 12-24-86 1-8-87
Spud Date Date Reached TD Completion Date

3776 NA
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 256 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1580 feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name
Invoice #

SIDE ONE

28-11-20 W.

API NO. 15-.....051-24453.....

County.....Ellis.....

NW. NW. NE. Sec 28 Twp 11 Rge 20 East
West

49.50 Ft North from Southeast Corner of Section
23.10 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

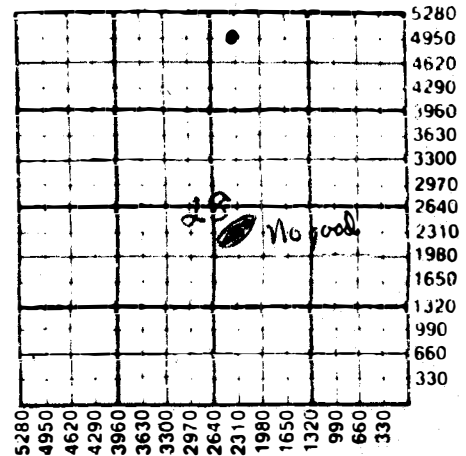
Lease Name.....Keller..... Well # 1

Field Name.....New Discovery.....

Producing Formation.....Arbuckle.....

Elevation: Ground.....2144.....KB.....2149.....

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

None

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
NE/4 Sec 9 Twp 12 Rge 20 East West
Martin Flax

Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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.

91217

SIDE TWO

Operator Name Staab Oil Co. Lease Name Keller Well Line

Sec. 28 Twp. 11 Rge. 20 East West County Ellis

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 ± 348 - 3509
30-30 60-60 IF Weak FF Weak
90 Ft Oil Cut Mud ISP 983 FP 1028
FP 80-80 80-80

DST ± 3524 - 3549
30-30 60-60 IF Fair
FF FAIR 5 Ft OCM And
215 FT Water SIP 894 FP 894
FP 89/89 116/133
DST 3 3744 - 3774 30-30 60-60
IF strong FF strong SIP 1028 FP 10 10
FP 133/250 312/444
1100 Ft Clean Oil 90 Ft OCM

Name	Top	Bottom
Anh	1564	+585
Base	1610	+539
Topeka	3198	-1049
Heebner	3420	-1271
Hansing	3458	-1309
Base KC	3682	-1533
Marmaton	3731	-1582
Arbuckle	3761	-1612
RTD	3775	-1626

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	8 5/8	20	256	60-40 Poz Mix	165	2% bel 2% CC
Production	7 7/8	5 1/2	14	3767	Common Poz Mix	150	None
Top Stage	DV Tub at 1580				50-50 Poz Mix	350	2% Gel

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Records (Amount and Kind of Material Used)	Depth
	None	None	
		Natural	

TUBING RECORD Size 2 1/2 Set At 3770 Packer at None Liner Run Yes No

Date of First Production 1-9-87 Producing Method Flowing Pumping Gas Lift Other (explain).....

WELL LOG

January 11, 1987

#1 Keller
NW NW NE Sec. 28-11S-20W
Ellis County, Kansas

OPERATOR: STAAB OIL CO.
CONTRACTOR: WARRIOR DRILLING CO.
COMMENCED: 12-17-86
COMPLETED: 12-23-86

8 5/8" @ 256' w/165 sks 60/40 posmix
3% cc 2% gel

0	565	Sand/Clay
565	1100	Red Bed
1100	1566	Shale
1566	1605	Anhydrite
1605	3289	Shale
3289	3650	Lime/Shale
3650	3715	Morrow
3715	3755	Morrow/Shale
3755	3774	Lime/Shale
3775		LTD

^{5 1/2}
~~4 1/2~~" @ 3768' w/ 160 sks sure fill w/300#
mud sweep ahead, top stage cem w/350 sks
60/40 posmix, 2% gel, 3% cc.

We certify that the above and foregoing is a true and correct copy of the log on the #1 Keller, located in Ellis County, Ks.

Warrior Drilling Co.

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	20	0	0%		

METHOD OF COMPLETION

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

Production Interval
OPEN Hole
...3767...^{to}
3776
...8 Ft... OPEN Ho

STATE CORPORATION COMMISSION

Dually Completed
 Commingled

JAN 28 1987

CONSERVATION DIVISION
Wichita, Kansas