

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

065-22,712-00-00 ORIGINAL

Operator: License # 6037
Name: STAAB OIL CO.
Address 1960 280 AVENUE
HAYS, KANSAS
City/State/Zip _____

Purchaser: NONE
Operator Contact Person: FRANCIS C. STAAB
Phone (913) 625 5013

Contractor: Name: SCHIELDS DRILLING
License: 5655

Wellsite Geologist: TODD MORGENSTERN

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, MSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Coamingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
Spud Date 6-9-93 Date Reached TD 6-14-93 Completion Date 6-15-93

API NO. 15- _____
County GRAHAM
NW-NE-NW Sec. 7 Twp. 9 Rng. 24 E/W
4950 Feet from S/8 (circle one) Line of Section
3630 Feet from E/8 (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
MINIUM
Lease Name _____ Well # 1
Field Name WILDGATE
Producing Formation _____
Elevation: Ground 2483 KB 2488
Total Depth 4056 PSTD _____
Amount of Surface Pipe Set and Cemented at 248 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cnt.
Drilling Fluid Management Plan 7-18-93
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
Quarter Sec. Twp. S Rng. E/W
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 Francis C. Staab
Title Partner Date 7-6-93
Subscribed and sworn to before me this 6th day of July
19 93.
Notary Public Margaret J. Staab

Date Commission Expires Sept. 21, 1996
Myrae J. Staab
NOTARY PUBLIC
State of Kansas
MY APPT. EXPIRES 9-21-96

RECEIVED
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC
 KGS
 SWD/Reg
 Plug
Other (Specify) _____
7 1993
07-07-1993
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas
Form ACG-1 (7-91)

Operator Name STAAB OIL CO

Lease Name MINIUM Well # 7

Sec. 7 Top. 9 Rgs. 24 East West

County GRAHAM

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
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run (Submit Copy.) Yes No

List All E.Logs Run:
 DST 1 3975-3993 30 30 30 30 WB 13 MIN
 NO BLOW 5ft MUD ISIP 30 FSIP 30

Log Formation (Top), Depth and Datum Sample Datum

Name	Top	Datum
ANH 2175 313		
BASE ANH	2211	277
TOPEKA	3568	-1080
HEEBNER	3785	-1297
TORONTO	3812	-1324
LANSING	3826	-1338
BASE k. c.	4052	-1564
RTD	4056	-1568

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 1/8	8 5/8	20	248	POZZ MIX	195	GEL 3% CAL 2%
DRY AND ABANDONED							

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD

Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SHD or Inj. _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

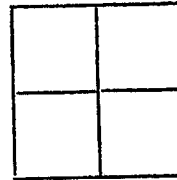


15-065-22712-00-00 *Shields*
WELL LOG

ORIGINAL *Russell, Kansas*

Operator: Staab Oil Co.
Well: Minium #1
Commenced: June 9, 1993
Completed: June 15, 1993
Contractor: Shields Drilling Co.

Well Description: NW NE NW
Sec. 7-9S-24W
Graham Co., KS.



CASING RECORD		
Size	Run	Pulled
8 5/8"	248'	Cmtd. w/195 sax

Elevation: 2,488'

Treatment:

Production: D & A

Tops:

..... Figures Indicate Bottom of Formations

Shale & sand	2,003'	
Shale	2,175'	
Anhydrite	2,211'	
Shale	2,802'	
Shale & lime	3,895'	"
Lime	4,056'	RTD

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CONSERVATION DIVISION
Wichita, Kansas

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

15-065-22712-00-00
 NEW ORIGINAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

5525

Date	6-15-88	Sec.	7	FWP.	9s	Range	24w	Called Out	5:30 PM	On Location		Job Start	1:50 AM	Finish	4:45 AM
Lease	Minimum	Well No.	1	Location	7N4E ST Peter			County	Graham	State	KS				

Contractor	Shield Drlg CO	
Type Job	PTA	
Hole Size	7 7/8	T.D. 4056'
Csg.		Depth
Tbg. Size		Depth
Drill Pipe	4 1/2	Depth 2190'
Tool		Depth
Cement Left in Csg.		Shoe Joint
Press Max.		Minimum
Meas Line		Displace
Perf.		

Owner	STGAB OIL CO	
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.		
Charge To	STGAB OIL CO	
Street	Catherina RT. Box 39	
City	Hays	State Kan 67601
The above was done to satisfaction and supervision of owner agent or contractor.		
Purchase Order No.		
X	Larry McAdoo	
CEMENT		

EQUIPMENT		
Hays Pumptrk	No. 277	Cementer Dean Runkle
		Helper
Hays Pumptrk	No. 279	Cementer Carl Battin
		Helper Steve Williams
		Driver Wayne
Bulktrk	282	
Bulktrk	218	

Amount Ordered	200 sks 60/40 6 7/8 Gal 1/4 cellof		
Consisting of			
Common	120 sks	575	690.00
Poz. Mix	80 sks	300	240.00
Gel. Chg 7 Chloride	10 sks	7.00	49.00
Quickset			
Celloflake	2 sks		55.00
		Sales Tax	
Handling	100		200.00
Mileage 46m	04		368.00
		Sub Total	1602.00
		Total	

DEPTH of Job	
Reference:	Pump Trk Chrg 430.00
	2 ²⁵ permile 103.50
	Dry Hole Plug 21.00
	Sub Total 554.50
	Tax
	Total

Remarks
 1st Plug 97 2190' w/25 sks
 2nd Plug 97 1015' w/100 sks
 3rd Plug 97 300' w/40 sks
 10 sks 97 40'
 15 sks in Rat Hole
 10 sks in Mouse Hole

Floating Equipment

Thank You

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2
ORIGINAL

15-065-22712-00-00

GEOLOGICAL REPORT

STAAB OIL COMPANY

NO. 1 MINIMUM

NW-NE-NW

SECTION 7-9S-24W

GRAHAM COUNTY, KANSAS

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JUL - 7 1993

CONSERVATION DIVISION
Wichita, Kansas

15-065-22712-00-00

OPERATOR: Staab Oil Company

WELL: No. 1 Minium
API #15-065-22712

LOCATION: NW-NE-NW
4950' from the south line.
3630' from the east line.
Section 7-9S-24W
Graham County, Kansas

FIELD: Wildcat

DRILLING CONTRACTOR: Shields Drilling Co., Rig No. 1

DRILLING COMMENCED: 06-09-93

DRILLING COMPLETED: 06-14-93

DRILLING TIME: One (1) foot drilling time was recorded
from 3400' to 4056' RTD.

SAMPLES: Samples were saved and examined from 3500'
to 4056' RTD.

ELEVATIONS: 2483' G.L. 2485' D.F. 2488' K.B.

MEASUREMENTS: All depths are measured from 2488' K.B.

CASING RECORD: 8 5/8" set @ 248' with 190 sacks.

FORMATION TESTING: One (1) test was run by Swift Formation Testers.

MUD: Schmidtberger Mud (Chemical)

OPEN HOLE LOGS: No logs were run.

PRODUCTION: Dry and abandoned.

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Wichita, Kansas

FORMATION TOPS:

15-065 - 22712-00-00

<u>FORMATION</u>	<u>SAMPLE</u>	<u>DATUM</u>
ANHYDRITE	2175'	+ 313
BASE ANHYDRITE	2211'	+ 277
TOPEKA	3568'	-1080
HEEBNER	3785'	-1297
TORONTO	3812'	-1324
LANSING	3826'	-1338
BASE KANSAS CITY	4052'	-1564
ROTARY TOTAL DEPTH	4056'	-1568

SAMPLE DESCRIPTIONS AND TEST DATA:

LANSING-KANSAS CITY:

- 3832-3838 Limestone, white and gray, finely crystalline, oolitic, chalky, with fair visible interoolitic porosity, no shows of oil were noted.
- 3864-3870 Limestone, white and gray, finely crystalline, oolitic and fossiliferous, with fair visible interoolitic and fossiliferous porosity, trace of free oil, fair spotted staining, no odor.
- 3882-3886 Limestone, gray and light gray, very finely crystalline, oolitic, fossiliferous in part, fair visible porosity, slight show of free oil, some rare spotted staining, no odor.
- 3908-3915 Limestone, white and cream, finely crystalline, fossiliferous in part, slightly oolitic, with some pinhole porosity, scattered staining, no show of free oil or odor.
- 3985-3991 Limestone, cream, tan and light brown, very finely crystalline, oolitic and occasionally fossiliferous, with fair visible fossiliferous porosity, chalky in part, very slight show of free oil when broken, good scattered staining and saturation, light odor. (Covered by D.S.T. No. 1)

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FORMATION TEST NO. 1
3975-3993

15-065-22712-00-00

Very weak blow for 13 min.	30 min.	I.H.P.	1981#
	30 min.	I.F.P.	25#-25#
No blow	30 min.	I.S.I.P.	30#
	30 min.	F.F.P.	25#-25#
	30 min.	F.S.I.P.	30#
		F.H.P.	1970#

RECOVERY: 5' drilling mud.

TEMPERATURE: N/A


4002-4009 Limestone, white, tan and gray, finely crystalline, oolitic, with minor chert, slightly fossiliferous, with fair visible pinhole porosity, slightly chalky, with no shows of oil.

4022-4027 Limestone, gray, tan and white, oolitic, slightly chalky, with fair visible porosity, no shows of oil were noted.

SUMMARY:

Due to the lack of significant shows and the negative results of Drill Stem Test No. 1, it was decided to plug and abandon the No. 1 Minium.

Respectfully submitted,


Todd E. Morgenstern
Geologist

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Wichita, Kansas