

ORIGINAL

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

API NO. 15- 179-21046-00-00
County Sheridan ~~Swanton~~
SW - SE - NW - Sec. 14 Twp. 9 Rge. 27 ^E
X W

Operator: License # 03655
Name: STAAB ENERGY & LEASING
Address 2514 Haney Drive
Hays, Kansas 67601
City/State/Zip _____

2970 Feet from S N (circle one) Line of Section
3630 Feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Purchaser: _____
Operator Contact Person: Norman G. Staab
Phone (913) 628-1326

Lease Name Popp Well # 1
Field Name Wildcat

Contractor: Name: Shields Drilling, Inc.
License: 5665
Wellsite Geologist: Todd E. Morgenstern

Producing Formation Lansing K.C.
Elevation: Ground 2731 KB 2736
Total Depth 4020 PBSD _____

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

Amount of Surface Pipe Set and Cemented at 264 Feet
Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 264
feet depth to Surface w/ 190 ~~sxs 60/40~~ sxs cnt.

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 _____ PBSD _____
Commingle _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SWD or Inj?) _____ Docket No. _____

Drilling Fluid Management Plan ALT 2 DCA 11-20-92 DR
(Data must be collected from the Reserve Pit)

10/03/92 10/11/92
Spud Date Date Reached TD Completion Date

Chloride content 26,000 ppm Fluid volume 2,000 bbls
Dewatering method used Air Dry - Evaporation

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 [Signature]
Title Owner Date 10/18/92
Subscribed and sworn to before me this 18th day of October
19 92
Notary Public Cacilie M. Staab

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
RECEIVED
STATE CORPORATION COMMISSION
Distribution 10-20-1992
KCC
KGS
SVD/Rep
NGPA
Other
10-20-1992
PI

Notary Public Exp. 10-6-94
CACILIE M. STAAB
My Appt. Exp. 10-6-94

Operator Name STAAB ENERGY & LEASING

Lease Name POPP
JAVIQUITO
 County Graham

Well # 1

Sec. 14 Twp. 9 Rge. 27

East
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests of 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 Yes No
 (Submit Copy.)

List All E.Logs Run:

DST Results are in the Geological Report Enclosed.

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	2332'	+ 404
Base Anhydrite	2364	+ 372
Topeka	3636'	- 900
Heebner	3850'	-1114
Toronto	3869'	-1133
Lansing	3888'	-1152
Base Kansas City	4017'	-1381
Rotary Total Depth	4020'	-1384

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"	20#	264'	60/40 Poz	190	3%CC 2%Gel

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

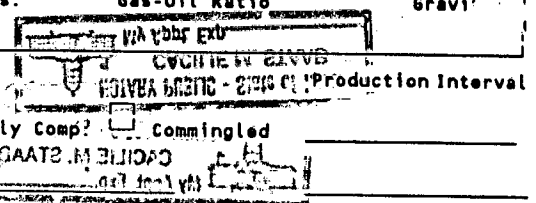
Date of First, Resumed Production, SWD or Inj. Producing Method Flowing Pumping Gas Lift Other (Explain)

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

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

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) DRY HOLE



ORIGINAL

FORMATION TOPS:

<u>FORMATION</u>	<u>SAMPLE</u>	<u>DATUM</u>
ANHYDRITE	2332'	+ 404
BASE ANHYDRITE	2364'	+ 372
TOPEKA	3636'	- 900
HEEBNER	3850'	-1114
TORONTO	3869'	-1133
LANSING	3888'	-1152
BASE KANSAS CITY	4017'	-1381
ROTARY TOTAL DEPTH	4020'	-1384

SAMPLE DESCRIPTIONS AND TEST DATA:

TORONTO:

3871-3877 Limestone, white and cream, very finely crystalline, oolitic and fossiliferous, with fair to good inter-crystalline and fossiliferous porosity, slightly vugular, light spotted staining and saturation, fair to good show of free oil, fair odor. (Covered by D.S.T. No. 1)

FORMATION TEST NO. 1

3848-3882

Weak blow	30 min.	I.H.P.	1847#
	30 min.	I.F.P.	44#-44#
No blow	30 min.	I.S.I.P.	983#
	30 min.	F.F.P.	71#-71#
	30 min.	F.S.I.P.	983#
		F.H.P.	1802#

RECOVERY: 63' oil spotted mud.TEMPERATURE: 117°

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OCT 20 1932
OBSERVATION DIVISION
Wichita, Kansas

ORIGINAL

15-179-21046-00-00

LANSING-KANSAS CITY:

- 3891-3898 Limestone, white and cream, very finely crystalline, dense, slightly cherty, chalky in part, with poor visible inter-crystalline porosity, no shows of oil were noted.
- 3915-3920 Limestone, gray and white, very finely crystalline, oolitic, with fair to good interoolitic porosity, leached vugular porosity, good staining and saturation, fair show of free oil, good odor. (Covered by D.S.T. No. 2)

FORMATION TEST NO. 2

3906-3925

Weak blow	30 min.	I.H.P.	1893#
	30 min.	I.F.P.	41#-71#
No Blow	30 min.	I.S.I.P.	715#
	30 min.	F.F.P.	71#-86#
	30 min.	F.S.I.P.	670#
		F.H.P.	1847#

RECOVERY: 130' muddy water. (Chlorides 67,000 P.P.M.)

TEMPERATURE: 117°

- 3927-3934 Limestone, cream and gray, dense to finely crystalline, cherty in part, trace of scattered pinhole porosity, scattered spotted staining, no shows of free oil were noted, no odor.
- 3954-3958 Limestone, gray and tan, dense to finely crystalline, cherty in part, fossiliferous, with poor visible porosity, no shows of oil were noted, no odor.
- 4011-4018 Limestone, light brown and tan, finely crystalline, dense, fossiliferous, chalky in part, with poor visible inter-crystalline porosity, trace of dark dead staining, no shows of free oil were noted, no odor.
- 4053-4057 Limestone, tan and cream, dense to very finely crystalline, slightly oolitic, with trace of scattered pinhole porosity, some fractured staining, slight show of heavy dark free oil, slightly gassy, light odor. (Covered by D.S.T. No. 3)

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OCT 20 1927

CONSERVATION DIVISION
MINNIE BROWN

AMERICAN

FORMATION TEST NO. 3
4044-4062

Weak blow for 7 min.	30 min.	I.H.P.	1897#
	30 min.	I.F.P.	30#-30#
No blow	30 min.	I.S.I.P.	30#
	30 min.	F.F.P.	30#-30#
	30 min.	F.S.I.P.	30#
		F.H.P.	1850#

RECOVERY: 10' mud with oil spots.

TEMPERATURE: 117°

4080-4088 Limestone, white and gray, finely crystalline, oolitic, sparry in part, with fair interoolitic and slightly vugular porosity, fair dark staining and saturation, slightly chalky, with fair to good show of free oil, fair odor. (Covered by D.S.T. No. 4)

FORMATION TEST NO. 4
4055-4090

Weak blow for 25 min.	30 min.	I.H.P.	2031#
	30 min.	I.F.P.	35#-35#
No blow	30 min.	I.S.I.P.	107#
	30 min.	F.F.P.	35#-35#
	30 min.	F.S.I.P.	107#
		F.H.P.	1985#

RECOVERY: 10' mud with oil spots.


TEMPERATURE: 117°

4102-4108 Limestone, cream and tan, mostly dense, finely crystalline, fossiliferous in part, slightly chalky, no shows of oil were noted, no odor.

SUMMARY:

Due to the lower structural position and negative results of four (4) D.S.T.'s, it was recommended that the No. 1 Popp be plugged and abandoned.

Respectfully submitted,


Todd E. Morgenstern
Geologist

RECEIVED
STATE COMMISSION
OCT 20 1955
CONSERVATION DIVISION

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

15-179-21046-00-00

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

ORIGINAL
ALLIED CEMENTING CO., INC.

3355

Home Office P. O. Box 31

Russell, Kansas 67665

Date	10-3-92	Sec.	14	Twp.	9	Range	27	Called Out	3:30 PM	On Location	7:00 PM	Job Start	7:30 PM	Finish	8:00 PM	
Lease	PAPP	Well No.	#1	Location				Quarter 3 NW 1/4 E	County	Sheridan	State	Kansas				
Contractor	Shields Oil & Rig 2												Owner	SAME		
Type Job	Surface															
Hole Size	12 1/4"			T.D.	267'											
Csg.	8 5/8"			Depth	264'											
Tbg. Size				Depth												
Drill Pipe				Depth												
Tool				Depth												
Cement Left in Csg.	1.5'			Shoe Joint												
Press Max.				Minimum												
Meas Line	yes			Displace												
Perf.																

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 **Starb Energy & Leasing**
 Street **2514 Haney Dr.**
 City **Hays** State **Kan 67601**

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
x Burton Beery
CEMENT

Amount Ordered	190 SKS 60/40 POZ. 3% CC 2% GEI		
Consisting of			
Common	114	SKS @ 6 ³⁰	723 ⁹⁰
Poz. Mix	76	SKS @ 2 ⁰⁵	201 ⁹⁰
Gel.	3	SKS @ 6 ²²	112 ⁰⁰
Chloride	5	SK @ 21 ⁰⁰	105 ⁰⁰
Quickset			

EQUIPMENT

#177 No.	Cementor	M. Kaufman
Pumptrk	Helper	Glenn G
No.	Cementor	
Pumptrk	Helper	
#147	Driver	Mark D.
Bulktrk	Driver	

Handling	1 ⁰⁰ per SK	190 ⁰⁰
Mileage	4¢ per SK/mile	304 ⁰⁰
40 miles	Oakley	
Sub Total		
Total		1,524 ⁰⁰

DEPTH of Job	Reference:	
	#	
	PUMP TRK	380 ⁰⁰
	1-8 5/8" Rubber plug	73 ⁰⁰
	200 per mile	80 ⁰⁰
	Sub Total	
	Tax	
	Total	533 ⁰⁰

Remarks:
Cement Circulated

Handwritten signature

RECEIVED
 STATE COMMISSION
 OCT 20 1992
 CONSERVATION DIVISION
 WICHITA, KANSAS

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

JAVI, P. O. BOX 31
RUSSELL, KANSAS 67665

TO: Staab Energy & Leasing
2514 Haney Dr.
Hays, KS 67601

INVOICE NO. 62662
PURCHASE ORDER NO. _____
LEASE NAME POPP #1
DATE Oct. 3, 1992

SERVICE AND MATERIALS AS FOLLOWS:

Common 114 sks @\$6.35	\$723.90	
Pozmix 76 sks @\$2.65	201.40	
Gel	N/C	
Chloride 5 sks @\$21.00	<u>105.00</u>	\$1,030.30
Handling 190 sks @\$1.00	190.00	
Mileage (40) @\$.04¢ per sk per mi	304.00	
Surface	380.00	
Mi @\$2.00 pmp trk chg	80.00	
1 plug	<u>73.00</u>	<u>1,027.00</u>
	Total	\$2,057.30

Cement circulated

Thank you!

If account CURRENT 20% discount will
be allowed ONLY if paid within 30 days
from date of invoice.

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

15-179-21046-00-00

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

TO: Staab Energy & Leasing
2514 Haney Dr.
Hays, KS 67601

INVOICE NO. 62662
PURCHASE ORDER NO. _____
LEASE NAME Popp #1
DATE Oct. 3, 1992

SERVICE AND MATERIALS AS FOLLOWS:

Common 114 sks @\$6.35	\$723.90	
Pozmix 76 sks @\$2.85	201.40	
Gel	N/C	
Chloride 5 sks @\$21.00	<u>105.00</u>	\$1,030.30
Handling 190 sks @\$1.00	190.00	
Mileage (40) @\$.04¢ per sk per mi	304.00	
Surface	380.00	
Mi @\$2.00 pmp trk chg	80.00	
1 plug	<u>73.00</u>	<u>1,027.00</u>
	Total	\$2,057.30

Cement circulated

Thank you!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

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

15-179-21046-00-00
 ORIGINAL
 New

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

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

5308

Date	10-11-92	Sec.	14	Fwp.	95	Range	27W	Called Out	11:45 A.M.	On Location	3:00 P.M.	Job Start	4:00 P.M.	Finish	6:00 P.M.
Lease	Popp	Well No.	1	Location	Tasco 5 1/2 S 1/4 E			County	Sheridan	State	KS				

Contractor	Shield Drilling Co	Rig #	2
Type Job	Plugging		
Hole Size	7 7/8"	T.D.	4120'
Csg.	8 3/8"	Depth	264'
Tbg. Size		Depth	
Drill Pipe		Depth	4120'
Tool		Depth	
Cement Left in Csg.		Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	
Perf.			

Owner Staab Energy & Leasing
 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 Staab Energy & Leasing
 Street 2514 Haney Dr.
 City Hays State Kan 67601

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X Steve May
CEMENT

Amount Ordered 200 sks 60/40 poz 629 gal

Consisting of	1 sk. flo seal		
Common	120	SKS @ 6.90	828.00
Poz. Mix	80	SKS @ 2.60	208.00
Gel.	7	SKS @ 6.75	47.25
Chloride			
Quickset			
	25	113s Flo-Sec @ 1.00	25.00

Handling	@ 1.00/sk	200	200.00
Mileage	@ 0.4 \$/sk./mi.	40 miles Oakley	16.00
Sub Total			216.00
Total			1,566.25

Floating Equipment Thanks

EQUIPMENT

No.	Cementor	<u>Gary H</u>
Pumptrk 177	Helper	<u>Will H.</u>
No.	Cementor	
Pumptrk	Helper	
	Driver	<u>Mark D.</u>
Bulktrk 160	Driver	

DEPTH of Job	#	
Reference: #8 Pumptruck-plug	380.00	
#13 mileage @ 2.00/mi.	80.00	
8 3/8" dry hole plug	N/C	
Sub Total		
Tax		
Total	460.00	

Remarks:
 25 SKS @ 2340'
 100 SKS @ 1486' w/ 1 SK flo seal
 40 SKS @ 300'
 10 SKS @ 40' to surface
 15 rat hole 10 mouse hole

RECEIVED
 STATE CORPORATION COMMISSION
 OCT 20 1992
 CONSERVATION DIVISION
 MISSOURI DEPARTMENT OF REVENUE

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

TO: Staab Energy & Leasing
2514 Haney Dr.
Hays, KS 67601

INVOICE NO. 62682
PURCHASE ORDER NO. _____
LEASE NAME Popp #1
DATE Oct. 11, 1992

SERVICE AND MATERIALS AS FOLLOWS:

Common 120 sks @\$6.35	\$762.00	
Pozmix 80 sks @\$2.65	212.00	
Gel 7 sks @\$6.75	47.25	
Flo Seal 25# @\$1.00	<u>25.00</u>	\$1,046.25
Handling 200 sks @\$1.00	200.00	
Mileage (40) @\$.04¢ per sk per mi	320.00	
Plug	380.00	
Mi @\$2.00 pmp trk chg	<u>80.00</u>	<u>980.00</u>

Total \$2,026.25

25 sks @2340'
100 sks @1486' w/1 sk flo seal
40 sks @300'
10 sks @40' to surface
15 sks in RH
10 sks in MH

Thank you!

If account CURRENT 20% discount will
be allowed ONLY if paid within 30 days
from date of invoice.

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.