

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

API NO. 15- 141-203200000

ORIGINAL

County Osborne

NE - NE - SE Sec. 11 Twp. 10S Rge. 12W

2310 Feet from N (circle one) Line of Section

330 Feet from W (circle one) Line of Section

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

Lease Name Applegate Well # 1

Field Name _____

Producing Formation None

Elevation: Ground 1718 KB 1723

Total Depth 3310' PBDT _____

Amount of Surface Pipe Set and Cemented at 206 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D&A 8/4 11-12-96
(Data must be collected from the Reserve Pit)

Chloride content 31,000 ppm Fluid volume 360 bbls

Dewatering method used Air dry and backfill

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 6246

Name: Bennett & Schulte Oil Company

Address P.O. Box 329

City/State/Zip Russell, Kansas 67665

Purchaser: N/A

Operator Contact Person: Frank Schulte

Phone (913) 483-2721

Contractor: Name: Vonfeldt Drilling, Inc.

License: 9431

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

7-5-96 7-10-96 7-10-96
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 Frank R. Schulte

Title Partner Date _____

Subscribed and sworn to before me this 27 day of August, 19 96.

Notary Public Pamela K. Smith

Date Commission Expires April 30, 2000

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
RECEIVED
KANSAS CORPORATION COMMISSION
(Specify)

PAMELA K. SMITH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 7-30-2000

AUG 28 1996 ACO-1 (7-91)
8-28-96
CONSERVATION DIVISION
WICHITA, KS

SIDE TWO

Operator Name Bennett & Schulte Oil Co. Lease Name Applegate Well # 1

Sec. 11 Twp. 10S Rge. 12 East West
 County Osborne

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	742	+981
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base Anhydrite	774	+949
List All E.Logs Run:		Topeka	2660	-937
Radiation Guard		Heebner	2898	-1175
		Lansing	2955	-1232
		Base Kansas City	3284	-1561
		Total Depth (log)	3312	-1589

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	206	60/40 3/2	140	6% gal

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, SMD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> 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: _____

ALLIED CEMENTING CO., INC. 6845

15-141-20320-00-00

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
R

DATE <i>7-5-96</i>	SEC.	TWP.	RANGE	CALLED OUT <i>5:30 pm</i>	ON LOCATION <i>7:30 pm</i>	JOB START <i>9:00</i>	JOB FINISH <i>9:15 am</i>
LEASE <i>Appellate</i>	WELL # <i>1</i>	LOCATION <i>Luray 5N 5w 3/4N W.S.</i>			COUNTY <i>Osborne</i>	STATE <i>KS</i>	

OLD OR NEW (Circle one) NEW

CONTRACTOR *Vonfeldt Dalg*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *215*

CASING SIZE *8 5/8* DEPTH *206*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *10-15* *12 1/2 lbs*

PERFS.

OWNER _____

CEMENT

AMOUNT ORDERED *140 60/40 322*

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

EQUIPMENT

PUMP TRUCK CEMENTER *Mark*

153 HELPER *Paul*

BULK TRUCK

155 DRIVER *Denise*

BULK TRUCK

DRIVER

REMARKS:

Cement Circulated

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG _____ @ _____

_____ @ _____

RECEIVED _____ @ _____

KANSAS CORPORATION COMMISSION

CHARGE TO: *Bennett & Schulte*

STREET _____

CITY _____ STATE _____ ZIP _____

AUG 28 1996

TOTAL _____

CONSERVATION DIVISION
WICHITA, KS

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

ALLIED CEMENTING CO., INC. 2420

15-141-20320-00-00

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: _____

DATE <u>7-10-96</u>	SEC.	TWP.	RANGE	CALLED OUT <u>9:00 AM</u>	ON LOCATION <u>1:50 PM</u>	JOB START <u>Norm</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>subject</u>	WELL# <u>L</u>	LOCATION <u>Purvey 6N 5E</u>		COUNTY <u>Osborne</u>	STATE <u>Kansas</u>		

OLD OR NEW (Circle one)

CONTRACTOR Vonfeldt Dring

TYPE OF JOB Plug

HOLE SIZE 7 1/8 T.D. 3310

CASING SIZE 5 5/8 DEPTH 206

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

OWNER Same

CEMENT

AMOUNT ORDERED 180 Sbs 6 3/4
69 Sbs

COMMON	@	_____
POZMIX	@	_____
GEL	@	_____
CHLORIDE	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
HANDLING	@	_____
MILEAGE	@	_____

EQUIPMENT

PUMP TRUCK CEMENTER R. Davis

221 HELPER

BULK TRUCK DRIVER

DRIVER Brent

TOTAL _____

REMARKS:

1st Plug 750' 25 Sbs

2nd Plug 525' 30 Sbs

3rd Plug 260' 40 Sbs

1st Plug 750' 10 Sbs house

1st Plug 260'

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 445.00

EXTRA FOOTAGE @ _____

MILEAGE @ 2.85

PLUG @ 8 5/8 _____ 23.00

RECEIVED
KANSAS CORPORATION COMMISSION

TOTAL _____

CHARGE TO: Bennett & Schulte

AUG 28 1996

FLOAT EQUIPMENT

STREET _____

CITY Russell STATE Kansas ZIP _____

CONSERVATION DIVISION
WICHITA, KS

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL _____

DRILL STEM TESTS

15-141-20320-00-00

Drill Stem Test No.1 2929-2970 Lansing A Zone

Time Interval: 30-45-30-45

Blow: 1st Open: Weak building to 1/4"
2nd Open: No blow

Recovery: 15 feet of oil specked mud (2% oil, 98% mud)

Pressures:

IHMP: 1424#	IFP: 30# - 30#
ISIP: 1047#	FFP: 30# - 30#
FSIP: 964#	BHT: 97°F
FHMP: 1416#	

Mud Properties: Viscosity: 47 Weight: 8.8 Water loss: 8.8 cc

Drill Stem Test No. 2 2961-3000 Lansing B Zone

Time: 30-30-10-0

Blow: 1st Open - Surface blow died in 10 min.
2nd Open - No blow

Recovery: 3 feet of mud with oil spots

Pressures:

IHMP: 1499#
ISIP: 1129#
IFP: 30# - 30#
FHMP: 1474#

Mud Properties: Viscosity: 48 Weight: 9.1 Water loss: 9.4 cc