

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 31302
Name: Jones & Buck Development
Address: P.O. Box 68
City/State/Zip: Sedan, KS 67361
Purchaser: Saltwater Disposal Well
Operator Contact Person: P.J. Buck
Phone: (620) 725-3636
Contractor: Name: McPherson Drilling
License: 5675
Wellsite Geologist: Thomas H. Oast

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

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to Enhr./SWD

Plug Back _____ Plug Back Total Depth _____

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Enhr.?) _____ Docket No. _____

3-30-01 4-03-01 04-20-01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

RECEIVED
STATE CORPORATION COMMISSION

API No. 15 - 133-25665-0000

County: Neosho

SESE-SENW Sec. 9 Twp. 30 S. R. 18 East West

2690 feet from (S) N (circle one) Line of Section

2805 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW

Lease Name: Kuhn Well #: 5 SWD

Field Name: unnamed

Producing Formation: Arbuckle Dolo. (SWD)

Elevation: Ground: 1016 Kelly Bushing: 1021

Total Depth: 1450 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 20 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1384

feet depth to surface w/ 223 sx cmt.

Drilling Fluid Management Plan *Alt II RGR 1/4/08*
(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. R. _____ East West

County: _____ Docket No.: _____

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 of 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: Thomas H. Oast
Title: Agent/Geologist Date: April 20, 2001

Subscribed and sworn to before me this 20 day of April, 2001

19 _____
Notary Public: Reda Talbott

Date Commission Expires: 2-5-05

NOTARY PUBLIC, State of Kansas
REDA TALBOTT
My Comm. Exp. 2-5-05

KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Jones & Buck Development Lease Name: Kuhn Well #: 5 SWD

Sec. 9 Twp. 30 S. R. 18 East West County: Neosho

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of Electric Wireline Logs surveyed. Attach final geological well site report.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i></p> <p>List All E. Logs Run: Gamma Ray - Neutron/Cement Bond Log</p>	<p><input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Pawnee Lime</td> <td>516</td> <td>+500</td> </tr> <tr> <td>Oswego Lime</td> <td>594</td> <td>+422</td> </tr> <tr> <td>Verdigris Lime</td> <td>723</td> <td>+293</td> </tr> <tr> <td>Mississippi Lime</td> <td>1068</td> <td>- 52</td> </tr> <tr> <td>Arbuckle Dolomite</td> <td>1384</td> <td>-368</td> </tr> </tbody> </table>	Name	Top	Datum	Pawnee Lime	516	+500	Oswego Lime	594	+422	Verdigris Lime	723	+293	Mississippi Lime	1068	- 52	Arbuckle Dolomite	1384	-368
Name	Top	Datum																	
Pawnee Lime	516	+500																	
Oswego Lime	594	+422																	
Verdigris Lime	723	+293																	
Mississippi Lime	1068	- 52																	
Arbuckle Dolomite	1384	-368																	

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	# Sacs Used	Type and Percent Additives
Surface	11"	8.625"		20'	Portland	4	
Production	6.75"	4.50"	9.5	1384	50/50 Poz	223	Gel 4 sxs

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
	Open Hole Completion		
	1385 - 1450 TD		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2.375"	1374	1375	

Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <u>SWD Well</u>
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcl	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Sumit ACO-18.) Other (Specify) _____

ORIGINAL

TICKET NUMBER 5903

CONSOLIDATED INDUSTRIAL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 or 800-467-8676

LOCATION Chanute
FOREMAN Long Bush II

TREATMENT REPORT

Kuhn 15-133-25665-0000

DATE 4-5-01	CUSTOMER ACCT # 4291	WELL NAME SW#5	QTR/QTR	SECTION	TWP	RGE	COUNTY NO	FORMATION
CHARGE TO <u>James & Buck Development</u>				OWNER				
MAILING ADDRESS <u>P.O. Box 68</u>				OPERATOR				
CITY <u>Seclan</u>				CONTRACTOR				
STATE KS		ZIP CODE 67361			DISTANCE TO LOCATION			
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA

HOLE SIZE	<u>6 3/4"</u>
TOTAL DEPTH	<u>1439'</u>
CASING SIZE	<u>4 1/2"</u>
CASING DEPTH	<u>1384'</u>
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT

<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS

	THEORITICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB Load casing, Drop Ball, Pump Ball, open shoe. Run gel ahead, cement well m.i.t well after gel.

JOB SUMMARY

DESCRIPTION OF JOB EVENTS (1st stage) Started loading casing at 13:21. Drop Ball at 13:28. Had circulation at 13:29. Ball hit and opened shoe at 13:30. Ran gel at 13:30. Ran Dye at 14:00 (10.8 RBBL). Started cement at 14:03. Had gel returns at 14:12. Had Dye return at 14:14. Drop plug at 14:15. Started displacing at 14:15 (21.6 RBBL). Plug hit bottom at 14:30. Put 500th psi on well and sat on well with gauge for 30 min at 500th psi

PRESSURE SUMMARY

BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi <u>900th</u>
MINIMUM	psi <u>250th</u>
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE

BREAKDOWN BPM
INITIAL BPM
FINAL BPM
MINIMUM BPM
MAXIMUM BPM
AVERAGE BPM
HYD HHP = RATE x PRESSURE x 40.8

AUTHORIZATION TO PROCEED

TITLE

DATE



CONSOLIDATED

INDUSTRIAL SERVICES

AN INFINITY COMPANY

211 W. 14TH STREET, CHANUTE, KS 66720

316-431-9210 OR 800-467-8676

TICKET NUMBER **13707**

LOCATION Chanute

FIELD TICKET

Kuhn

DATE 4-5-01	CUSTOMER ACCT # 4291	WELL NAME SW#5	QTR/QTR	SECTION	TWP	RGE	COUNTY MO	FORMATION
CHARGE TO <u>Jones & Buck Development</u>				OWNER				
MAILING ADDRESS <u>P.O. Box 68</u>				OPERATOR				
CITY & STATE <u>Budan, KS 67361</u>				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401-10	1	PUMP CHARGE <u>Cement pump</u>		525 ⁰⁰
5402-10	1384'	<u>Casing footage</u>		193.76
		HYDRAULIC HORSE POWER		
4152-10	1	<u>Type B float shoe</u>		856 ⁰⁰
4404-10	1	<u>Rubber plug 4 1/2"</u>		29.23
1118-10	4 SKS	<u>gel</u>		47.20
1111-10	500#s 10 SKS	<u>Salt</u>		105 ⁰⁰
1110-10	22 SKS	<u>Gilsonite</u>		433.40
1107-10	1 SK	<u>Floccul</u>		37.75
		STAND BY TIME		
		MILEAGE		
		WATER TRANSPORTS		
5502-00	4 hrs	VACUUM TRUCKS		280 ⁰⁰
		FRAC SAND		
1124-10	2735+5	CEMENT <u>50/50 pot</u>		1795.15
		NITROGEN	<u>Tax</u>	227.96
8407	40 miles	TON-MILES <u>min Bulk</u>		190 ⁰⁰
			ESTIMATED TOTAL	4,720.47

NSCO #15087

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN [Signature]

CUSTOMER or AGENT (PLEASE PRINT)

DATE 4-5-01

171640

DRILLERS LOG

S. 9 T. 30 R. 18 (E) W

API No. 15 - 13,25,665 - 0000 County Number Rig # 2

Loc. _____ County Measho **ORIGINAL**

Operator Buck F Jones

Address _____

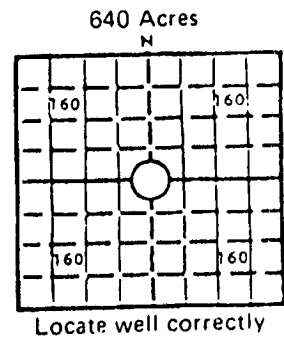
Well No. SWO # 5 Lease Name Kuhn

Footage Location 2805 feet from (N) (S) line 2805 feet from (E) (W) line

Principal Contractor R Mac Geologist _____

Spud Date 3-30-01 Total Depth 1438 P.B.T.D. _____

Date Completed 4-4-01 Oil Purchaser _____



Elev.: Gr. _____

DF _____ KB _____

CASING RECORD

Report of all strings set—surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE	11	8 5/8		20	Portland	4	water
PRODUCTION	6 3/4						

WELL LOG

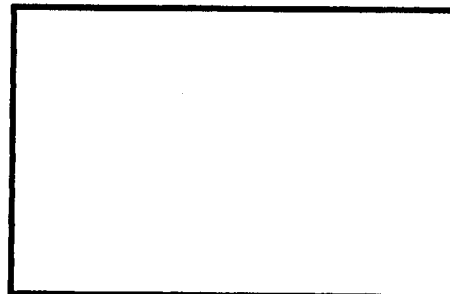
Show all important zones of porosity and contents thereof: cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

20 8 5/8 McPherson
4 sacks cement
McPherson

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
OB	0	3	lime pink	516	543	463 little	595	
Shale	3	63	shale	543	545	483 2.502 on 1/2	10 MCF	
lime	63	120	lime	545	549	619 5.02 on 1"	57.7	
sand	120	158	shale	549	594	645 8.502 on 1 1/2	125.00	
coal	158	159	lime osweg	594	615			
shale	159	168	blk shale	615	623			
lime	168	203	lime	623	630			
shale	203	212	blk shale	630	637			
lime	212	288	shale	637	723			
shale	288	311	lime	723	725			
coal	311	312	shale	725	1059			
shale	312	364	coal	1059	1060			
lime	364	370	shale	1060	1068			
shale	370	382	mass	1068	1349			
lime	382	383	soft	1162	1165			
shale	383	388	soft	1166	1187			
lime	388	396	Green shale	1349	1362			
shale	396	399	lime	1362	1372			
lime	399	408	blk shale	1372	1384			
shale	408	438	Arbuckle	1384	1438			
sand	438	483	water	1389				
shale	483	513	water	1404				
coal	513	514	water	1428				
shale	514	516		1438	TD			

Rig:	# 2
API No. 15-	1325665-0000
Operator:	Buck & Jones
Address:	
Well No:	SWD # 5
Lease Name:	Kuhn
Footage Location:	2805 ft. from the South Line
	2805 ft. from the East Line
Drilling Contractor:	KMAC Drilling LLC
Spud date:	3/30/01
Geologist:	
Date Completed:	4/4/01
Total Depth:	1438'

S. 9 T. 30 R. 18 E
Loc:
County: Neosho



Casing Record		
	Surface	Production
Size Hole:	11"	6 3/4"
Size Casing:	8 5/8"	
Weight:		
Setting Depth:	20'	
Type Cement:	Portland	
Sacks:	4	

Gas Tests:			
463	little gas		
483	2.5 oz on 1/2"	10 MCF	
619	5 oz on 1"	57.7	
645	8.5 oz on 1 1/4"	128,000	

Well Log

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
OB	0	3	lime pink	516	543			
shale	3	63	shale	543	545			
lime	63	1220	lime pink	545	549			
sand	1220	158	shale	549	594			
coal	158	159	lime oswego	594	615			
shale	159	168	blk shale	615	623			
lime	168	203	lime	623	630			
shale	203	212	blk shale	630	637			
lime	212	288	shale	637	723			
shale	288	311	lime	723	725			
coal	311	312	shale	725	1059			
shale	312	364	coal	1059	1060			
lime	364	370	shale	1060	1068			
shale	370	382	miss	1068	1162			
lime	382	383	soft	1162	1186			
shale	383	388	soft	1186	1349			
lime	388	396	green shale	1349	1362			
shale	396	399	lime	1362	1372			
lime	399	480	blk shale	1372	1384			
shale	480	438	arbuckle	1384	1438			
sand	438	483	water	1389				
shale	483	513	water	1404				
coal	513	514	water	1428				
shale	514	516		1438	TD			