

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

API #15-101-21,464-00-01
County Lane

NW SW SE 16 Twp. 16S Rge. 29 X W

990 feet from S/N (circle one) Line of Section
2310 feet from E/W (circle one) Line of Section

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

Lease Name Kerkhoff "OWWO" Well # 2

Field Name Jennison North

Producing Formation LKC-L-FS-Marm. Myruck Station

Elevation: Ground 2733' KB 2738'

Total Depth 4509' PBTD _____

Amount of Surface Pipe Set and Cemented at 301 / Prev. Set _____ Feet

Multiple Stage Cementing Collar Used? X Yes _____ No _____

If yes, show depth set 2099 Feet

If Alternate II completion, cement circulated from 2099

feet depth to surface w/ 380 ex cat.

Drilling Fluid Management Plan add II 3-1-94
(Data must be collected from the Reserve Pit) CB

Chloride content 2200 ppm Fluid volume 400 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name Wilton Petrol. Inc.

Lease Name Kerkhoff #2 License No. 7775

SE Quarter Sec. 16 Twp. 16 S Rng. 29 E W

County Lane Docket No. _____

Operator License # 7775

Name: Wilton Petroleum, Inc.

Address 901 King Avenue

City/State/Zip Nyssa, Oregon 97913

Owner: Koch

Operator Contact Person: Carl R. Calam

Phone (316) -947-3254

Operator Name: Emphasis Oil Operations

License: 8241

Site Geologist: --

Complete Type of Completion
 New Well X Re-Entry Workover

X Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, VSW, Expl., Cathodic, etc)

Workover/Re-Entry: old well info as follows:

Operator: Energy Exploration, Inc.

Well Name: Kerkhoff #1

Comp. Date 4-11-88 Old Total Depth 4509'

 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD

 Commingled Docket No. _____

 Dual Completion Docket No. _____

 Other (SWD or Inj?) Docket No. _____

18/93 8/20/93
Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rules 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 30 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.

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.

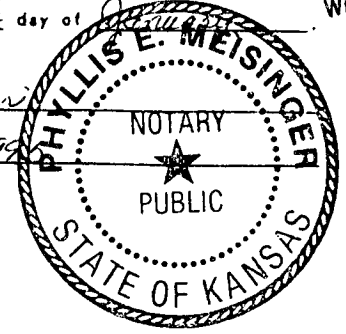
Signature Carl R. Calam

Date 1-3-94

Witnessed and sworn to before me this 3rd day of January, 1994.

Notary Public Phyllis E. Meisinger

Commission Expires March 24, 1995



RECEIVED
STATE CORPORATION COMMISSION
01-04-1994
JAN 04 1994

E.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached _____
Wireline Log Received _____
Geologist Report Received _____

Distribution
 X KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name Wilton Petroleum, Inc.

Lease Name Kerkhoff "OWWO" Well # 2

Sec. 16 Twp. 16S Rge. 29

County Lane

East
 West

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, static pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet where space is needed. Attach copy of log.

<input type="checkbox"/> Stem Tests Taken (Attach Additional Sheets.) <input checked="" type="checkbox"/> Logs Sent to Geological Survey <input type="checkbox"/> Core Taken <input checked="" type="checkbox"/> Electric Log Run (Submit Copy.) <input type="checkbox"/> All E.Logs Run: Gamma Ray Bond Log	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <table border="0"> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Herb.</td> <td>3822</td> <td>1082</td> </tr> <tr> <td>Toronto</td> <td>3842</td> <td>1102</td> </tr> <tr> <td>Lan.</td> <td>3862</td> <td>1122</td> </tr> <tr> <td>Bkg.</td> <td>4198</td> <td>1458</td> </tr> <tr> <td>Marm.</td> <td>4226</td> <td>1486</td> </tr> <tr> <td>Pawn.</td> <td>4314</td> <td>1574</td> </tr> <tr> <td>Ft. Scott</td> <td>4368</td> <td>1628</td> </tr> <tr> <td>Miss.</td> <td>4462</td> <td>1722</td> </tr> </table>	Name	Top	Datum	Herb.	3822	1082	Toronto	3842	1102	Lan.	3862	1122	Bkg.	4198	1458	Marm.	4226	1486	Pawn.	4314	1574	Ft. Scott	4368	1628	Miss.	4462	1722	<input type="checkbox"/> Sample
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CASING RECORD

New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Depth 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		8 5/8	22	301	Conn.	210	N/A
Production	7 7/8	5 1/2	14	4502	EA2	175	5% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate Protect Casing Plug Back TD Plug Off Zone	D-2099 HLC-Class A	380	3% CC

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
	4148-4152		4148-4152
	4226-4228	400 Gal. 15% MCA	4226-4254
	4348-4354	1500 Gal 15% MCA	4348-4354
	4384-4388	400 Gal 15% MCA	4384-4388

CASING RECORD	Size 2 7/8	Set At 4362	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 10/8/93	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil 17 Bbls.	Gas Mcf	Water 85 Bbls	Gas-Oil Ratio	Gravity 36
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Disposition of Gas: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval 4148 4388
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JOB LOG

FORMCO NO. BST-20-39

No. 054378

Page 1 of 1

Operating Company: Wilton Pet. Represented by: Carl - Calam
 Well Name or Number: # 2 Lease: Kirkoff Field: _____ State: Ks.
 Service Ticket No.: 537 - 72919 Date: 11-11-93 Service Rep.: Allen Drake

BASE POINT OR DISTRICT LOCATION: Great Bend, Ks.

DETAIL THE JOB - THIS FORM USED TO REPORT WHAT ACTUALLY TOOK PLACE - FILL OUT COMPLETELY

Date & Time	Operations & Remarks
08:00	On Loc.
08:30	Cheyenne Well Serv. Pulling 2 7/8 Tubing by Baker + Plug - (Competitors) Run 85 Sts in hole - set Plug @ 2500' tested Plug for 1000 PST, - Spotted 2 x Sand on Plug - Hunted Part Collar - Depth Unknown Found Part Collar @ 2099 - Emphasis Verified
2:00pm	on Part Collar + Pump 375 x Cement with Circles.
2:45	the whole time while Cementing - Shut Part Collar test to 1000 PST, held - wash out Cement
4:00pm	Drop down + washed off Sand off Plug Release Plug + Pulled out of Hole.
	Released From Job.
	<div style="text-align: right;"> <p>RECEIVED ODDER FROM COMMISSION STATE HEALTH DEPT. HN-100 E Loc. JAN 04 1994</p> </div>

Customer Rep. Signature: Carl R Calam

CONSERVATION DIVISION
 Wichita, Kansas

Customer Comments: _____

JOB LOG FORM 2013 R-4

 CUSTOMER Wilton Petroleum WELL NO. 2 LEASE Kirkoff JOB TYPE Cement TICKET NO. 568081

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	9:00							on Location Rig pulling Tubing
	11:40							start base water
	10:50		6.2			1000		To Test B.P.
	11:59					0		Hold OK - Released
	12:10		11					Start 25K of sand Pump 11 BBLs Flush Pull Tubing back up hole hook for port collar
	13:45							Pump Down Tubing to check port collar is open
	13:47	1 3/4	3			1000		shut Down
	14:00	6				500		Start mixing cement
	14:10	6	60	1		800		
	14:15	6	90	1		850		
	14:17	6	102	1		900		
	14:18	5	107	1		950		Cement circulating
	14:19	5	115	1		950		shut Down
	14:20		0					Start Displacement
	14:21	5 1/2				850		
	14:23	5 1/2	11	1		850		shut Down
								Close port collar
	14:30	4						Hook up to Annulus + Circulate cement out of Annulus + Tubing shutoff
	14:35	4	20			400		Run Tubing Down to B.P. + Circulate sand off B.P.
	15:00	3	0					Start base water
	15:12	3	35	1		400		shut Down

~~Cement~~ Pump 10 BBLs
Slurry to pit 8.5 SKs

RECEIVED
STATE CORPORATION COMMISSION
JAN 04 1994
CONSERVATION DIVISION
Wichita, Kansas

Job complete
Thank you
DUC



CHARGE TO: Wilton Petroleum
 ADDRESS: 901 King
 CITY, STATE, ZIP CODE: Nyssa, OR 97913

ORIGINAL

TICKET

No. 509112 - X

PAGE 1 OF 2

FORM 1809-12

SERVICE LOCATIONS 1. <u>Men City, OR 28557</u> 2. <u>Men City, OR 28525</u>	WELL/PROJECT NO. <u>21</u>	LEASE <u>Kickoff 2</u>	COUNTY/PARISH <u>Lane</u>	STATE <u>OR</u>	CITY/WELLBORE LOCATION	DATE <u>8-20-93</u>	OWNER <u>Same</u>
3.	DOER TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Emphasis Rig #17</u>	ARRANGED	SHIPPED VIA	DELIVERED TO <u>NE. / Hedges</u>	ORDER NO.
4.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION <u>Sec. 16-16S-29W</u>		
REFERRAL LOCATION	HARDWARE INSTRUCTIONS <u>20% exc. Port Collar - 0%</u>			<u>035</u>	<u>15101214640001</u>		

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.	UNIT	PRICE	AMOUNT
		LOC	ACCT	OF						
000-117		1				55	mil		151	
001-016		1				4500	Ft		1,480	
030-016		1				1	pcr		60	
12A	825.205	1				1	pcr		121	
24A	815.19251	1				1	pcr		110	
27	815.19311	1				1	pcr		55	
40	807.93002	1				6	pcr		264	
320	800.2823	1				1	pcr		110	
019-000	73	1				1	leg		1,628	
018-315		1				500	gal		325	

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE
X Thomas Alon

DATE RIGGED 8-20-93 WIRE RECORD 0900
 AM PM

4a 4b (no requirements) Not used

SUB-SURFACE SAFETY VALVE TYPE
 FULL BORE FULL BORE WITH FULL BORE WITH

TYPE LOCK DEPTH

BEAM SIZE SPACERS

TYPE OF EQUIPMENT SUB CASING PRESSURE

BEAM SIZE WIRELINE PRESSURE WIRE DEPTH

WIRE CONNECTION TYPE VALVE

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WANT TO RESPOND

PAGE TOTAL	4304.25
FROM CONTINUATION PAGE(S)	3,074.27
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED QUOTE	7,379.12

CUSTOMER ACCEPTS USE OF MATERIALS AND SERVICES

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: Thomas Alon

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: X Thomas Alon

HALLIBURTON OPERATOR SIGNATURE: Kenya B. Lybrite EMP # 00719

HALLIBURTON APPROVAL: [Signature]

SEP 16 '93 03:07PM HALLIBURTON SERVICES HRYS KS
 TO HS NESS CITY KS
 P. 1

WELL DATA

FIELD _____ SEC *16* TWP. *16^S* RING *29W* COUNTY *Lane* STATE *Ks.*

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		<i>U</i>	<i>14</i>	<i>5.5</i>	<i>NB</i>	<i>4508</i>	
LINER							
TUBING							
OPEN HOLE							SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH *4509*

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>8-20-93</i>	DATE <i>8-20-93</i>	DATE <i>8-20-93</i>	DATE <i>8-20-93</i>
TIME <i>0600</i>	TIME <i>0815</i>	TIME <i>0935</i>	TIME <i>1430</i>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <i>Insect 5.5"</i>	<i>1</i>	<i>Howo</i>
FLOAT SHOE		
GUIDE SHOE <i>Reg</i>	<i>1</i>	<i>"</i>
CENTRALIZERS <i>S-3</i>	<i>6</i>	<i>"</i>
BOTTOM PLUG		
TOP PLUG <i>S-W</i>	<i>1</i>	<i>"</i>
HEAD		
PACKER		
OTHER <i>Cmd. Basket</i>	<i>1</i>	<i>"</i>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API

DISPL. FLUID _____ DENSITY _____ LB/GAL. °API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL. LB. _____ IN

GELLING AGENT TYPE _____ GAL. LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL. LB. _____ IN

BREAKER TYPE _____ GAL. LB. _____ IN

BLOCKING AGENT TYPE _____ GAL. LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>R. Koeltter</i>	<i>Com's.</i>	<i>New City, Mo.</i>
<i>M. Gantt</i>		
<i>D.</i>	<i>Bulk 0818</i>	<i>Hays, Ks.</i>

DEPARTMENT *Cmd.*

DESCRIPTION OF JOB *Cmd. 5 1/2" Long String*

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE *X Thomas Ah*

HALLIBURTON OPERATOR *Roy B. Lebert*

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>175</i>	<i>Standard</i>		<i>15</i>	<i>5% Calseal, 18% salt, 3/4% Haled-322</i>	<i>1.36</i>	<i>15.5</i>

RECEIVED

STATE CORPORATION COMMISSION

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

REATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

REASON *Shoe Joint*

TOTAL VOLUME: BBL. GAL. _____

RAMARKS *See Chart & Job Log*

Thank You

Roy

JAN 04 1994

CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER: *Wilton Petroleum*

LEASE: *Kirkoff*

WELL NO. *2*

JOB TYPE: *Long String*

DATE: *8-20-93*

