

ORIGINAL

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

Operator: License # 5210
Name: Lebsack Oil Production, Inc.
Address P.O. Box 489
Hays, Ks. 67601
City/State/Zip
Purchaser:
Operator Contact Person: Rex Curtis
Phone (313) 625-5444
Contractor: Name: Abercrombie RTD, Inc.
License: 30684
Wellsite Geologist: Wayne Lebsack

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: N/A
Well Name:
Comp. Date 01-19-95 Old Total Depth 01-27-95
01-28-95
Spud Date Date Reached TD Completion Date
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

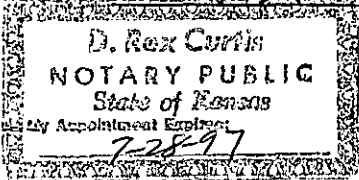
API NO. 15- 055-21,379-0000
County Finney
- SE - NW - NW Sec. 17 Twp. 22S Rge. 33 E/W
1320990 ^{per Curtis} Feet from S/N (circle one) Line of Section
990 Feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Garden City 'C' Well # 2-17
Field Name West Dammie
Producing Formation Non commercial
will convert to Cedar Hills SWD
Elevation: Ground 2894 KB 2899
Total Depth 4820' PBTD
Amount of Surface Pipe Set and Cemented at 262' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2104' Feet
If Alternate II completion, cement circulated from 2104
feet depth to surface w/ 455 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) ALT II (D&A)
1-27-96 DPW
Chloride content 48,000 ppm Fluid volume 900 bbls
Dewatering method used Evaporization
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, 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 Margaret Curtis
Title Vice President Date 4/14/95
Subscribed and sworn to before me this 14th day of April,
19 95.
Notary Public D. Rex Curtis
Date Commission Expires 7-28-97



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
(Specify)

Form ACOATE (7-91)
APR 17 1995
4-17-95
CONSERVATION DIVISION
WICHITA, KANSAS

SIDE TWO

Operator Name Lebsack Oil Production, Inc. Lease Name Garden City C Well # 2-17

Sec. 17 Twp. 22S Rge. 33 East West

County Finney

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 type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3798	- 899
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	3842	- 943
List All E. Logs Run:	Dual Induction, Micro Neutron-Density	BKC	4304	- 1405
		Marmaton	4325	- 1426
		Cherokee	4453	- 1555
		Morrow	4637	-1738
		Mississippi	4665	- 1766
		St. Louis -B	4678	- 1778
		- C	4722	- 1823

CASING RECORD <input 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		8 5/8"	23#	260.03	60/40	130	2%gel, 3%cc
Production		5 1/2"	14#	4820.0	ThinSet H	210	5%KCL

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
	4722-30 4678-82 - 4412-20	500/gal 15% FE	
		500/gal 15% FE	
		700/gal 15% FE	
	(will make application for Cedar Hills SWD)		
	no commercial oil		

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 <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, submit ACO-18.) Other (Specify) _____

Drill Stem Test No. 1 - 4400' - 4533

15055 21379

ORIGINAL

Tool open 30, closed 30, open 30, closed 30.

There was a weak blow thru-out. The recovery was

70' of oil specked mud. Pressures - 42/42 : 174 ISIP
63/63 : 169 FSIP

Morrow

No Shows

API# 15-055-21379

Mississippi

Clear, fine grained calcareous sand grading to sandy
limesone. Trace of heavy oil and dark staining. No gas
noted on the detector. Log porosity 9%. Water saturation
78%. Micro log indicates good permeability.

'B' Zone

4678 - 82

'C' Zone

4722 - 30

Fine grained oolite sand with light staining and trace of
free oil. No gas noted on the detector. Log porosity 11%.
Water saturation - 43%. Micro log indicates good permeability.

Drill Stem Test No. 2 - 4720' - 4760'

Tool was open 15, and was closed 30. There was a very weak blow
that died. The recovery was 10 feet of mud with a show of
free oil on top of the tool. Pressures - 62/62 FSIP 230

ORIGINAL

WAYNE LEBSACK
PETROLEUM GEOLOGIST
603 S. Douglas
Lyons, Kansas 67554

Lebsack Oil Production
Box 489
Hays, Kansas

API#15-055-21379

Garden City 'C' No. 2-17
SE-NW-NW
Section 17-T22s-R33w
Finney County, Kansas

<u>Contractor</u>	Abercrombie RTD, Inc.
<u>Spud Date</u>	January 19, 1995
<u>Date Rotary Completed</u>	January 27, 1995
<u>Total Depth</u>	4820'
<u>Elevations</u>	2894 Ground - 2899 K.B.
<u>Measurement Zero</u>	K.B. (Kelly Bushing)
<u>Casing</u>	8-5/8" @ 262; 5 1/2" @ 4817
<u>Samples & Drilling Time</u>	3600' to T. D.
<u>Other Logs</u>	Gas Detector & Rosel Dual Induction, Micro, and Neutron- Density

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CONSERVATION DIVISION
WICHITA, KANSAS

ORIGINAL

Geological Formations

API #15-055-21379

Formations	Drilling Depth	Log Depth	Sub sea Log Depth
Heebner	3805	3798	- 899
Lansing	3842	3842	- 943
BKC	4304	4304	- 1405
Marmaton	?	4325	- 1426
Cherokee	4453	4453	- 1555
Morrow	4637	4637	- 1738
Mississippi	4665	4665	- 1766
St. Louis "B"	?	4678	- 1778
"C"	?	4722	- 1823

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WICHITA, KANSAS

Intervals of Interest, Elec. Log Depth

ORIGINAL

API #15-055-21379

Marmaton

4346 - 50

White oolitic limestone with spotty light staining.
Gas detector logged 17 units. Log porosity 10%
Water saturation 45%. Micro log indicates good permeability.

4415 - 20

White and tan oolitic limestone with light staining and traces of free oil. Gas detector logged 70 units, log porosity 11%, water saturation 70%

Drill Stem Test No. 1 - 4400' - 4533

Tool open 30, closed 30, open 30, closed 30.
There was a weak blow thru-out. The recovery was
70' of oil specked mud. Pressures - 42/42 : 174 ISIP
63/63 : 169 FSIP

Morrow

No Shows

Mississippi

'B' Zone
4678 - 82

Clear, fine grained calcareous sand grading to sandy limestone. Trace of heavy oil and dark staining. No gas noted on the detector. Log porosity 9%. Water saturation 78%. Micro log indicates good permeability.

'C' Zone
4722 - 30

Fine grained oolite sand with light staining and trace of free oil. No gas noted on the detector. Log porosity 11%. Water saturation - 43%. Micro log indicates good permeability.

Drill Stem Test No. 2 - 4720' - 4760'

Tool was open 15, and was closed 30. There was a very weak blow that died. The recovery was 10 feet of mud with a show of free oil on top of the tool. Pressures - 62/62 FSIP 230

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CONSERVATION DIVISION
WICHITA, KANSAS

Summary

ORIGINAL

API# 15-055-21379

Structural Comparisons

<u>Formation</u>	Garden City C-2-17 This well	No 1 -17 SW Offset Miss. Oil Well	No. 3 - 8272 North Offset Dry Hole
<u>Formation</u>			
Lansing	- 943	- 943	- 939
Morrow	- 1738	- 1740	- 1735
Mississippi	- 1766	- 1796	- 1760
"C" Zone	- 1823	- 1849	- 1822

5-1/2 inch casing was set to test the marmaton and Mississippi zones for production.

Submitted by:

Wayne Lebsack

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APR 17 1995

CONSERVATION DIVISION
STATE OF KANSAS

JOB LOG FORM 2013 R-4

 CUSTOMER **LeBSACK Oil** WELL NO. **2-17** LEASE **Garden City C** JOB TYPE **2ST Stages DV 5 1/2** TICKET NO. **706139**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1600							Time Called
	1800							Time Ready
	2000							Time on Loc ORIGINAL
	2315							Start Pumping Casings
	0030	0130						Hookup on casing w/rag Break Circ
	0230							Casings in Hole
	0231							Hookup Circulate Casings
	0240							Circulate Casings w/rag Pump
	0242							Circulate Mid To Ground Level
	0320						1 Stage	Hookup to Pump Truck
	0324	5				200		Start Mixing Cement
	0340	/	53.48			250		Finish Mixing Cement
	0341	/				250		Shut Down Drop Plug
	0342							wash Pumps & Lines
	0345	6	64.45			175		Start Displacement
		4.5 ^{hrs}	50.0					
	0410		114.45			150		Plug Down Circ Fluid
								Float Held Thru out class
	0415							Drop Boom
	0426					750		Press up DV Tech Circ Fluid around
	0430							Circulate Mid w/rag Pump 4 hours
	0830							2 ST Stage Hookup to Pump Truck
	0833	5.3				150		Start Mix Cement
	0854	/	116.67			120		Start Tail Cement
	0856	/	11.75			200		Finish Mixing Cement
	0857	/	128.42			200		Shut Down Drop Plug
								wash Pumps & Lines
	0900	5				150		Start Displacement
		3.3 ^{hrs}	50.0					
	0915					600/2000		Plug Down DV closed Float Held
								Circulate Cement To Then P.O.T

STATE CORPORATION COMMISSION

Thanks For Calling Halliburton Dennis Coakley APR 17 1995

WELL DATA

FIELD _____ SEC. 17 TWP. 22^S RNG 33^W COUNTY Finney STATE Ks

FORMATION NAME _____ TYPE _____
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 OV Tool SET AT 2104
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		155	5 1/2	KB	4830	
LINER						
TUBING						
OPEN HOLE			7 7/8	260	4840	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 1-26	DATE 1-26	DATE 1-27	DATE 1-27
TIME 1600	TIME 2000	TIME 0230	TIME 0915

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
5 1/2 Insert Float	1	Hawco
Fillup Plug	1	
GUIDE SHOE	1	
CENTRALIZERS	6	
OV Plug Set	1	
OV Cement	1	
HEAD		
PACKER	1	
BASKET		
Hawco weld	1	
OTHER	1	

PERSONNEL AND SERVICE UNITS		
NAME	UNIT NO. & TYPE	LOCATION
Olson	59179	Liberal Ks
T Poyce	48120	"
M Howe	51984	Hugoton Ks
D Howell	F7343	"
J Widener	63090	"
DAW	63595	"
	E1591	Liberal Ks

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 _____

DEPARTMENT Cement
DESCRIPTION OF JOB 2-Stage DV
JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
CUSTOMER REPRESENTATIVE X H. Fisher
HALLIBURTON OPERATOR Dennis Case COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	210	Thixset	Prem		5% KCL	1.43	14.5
	405	Prem Plus	LIT		1/4" Floccle	2.05	12.3
	50	Prem Plus			2% CL	1.32	14.8

PRESSURES IN PSI _____ SUMMARY _____ VOLUMES _____
CIRCULATING _____ DISPLACEMENT _____ PRESFLUSH: BBL.-GAL. _____ TYPE _____
BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. 153 114.45
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 1 Stage 53.48
HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. 2 Stage 12.47
ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
REASON Shoe joint

18 FT

the extent of the well

CUSTOMER LEASE Lease Act Oil Prod Lease Operator Lib. Well No 1-1-1 Job Type 1-1-1 Date 1-27-25

ALLIED CEMENTING CO., INC. 0000163

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

SERVICE POINT:

Oakley

DATE <i>1-19-95</i>	SEC <i>17</i>	TWP <i>22</i>	RANGE <i>33</i>	CALLED OUT	ON LOCATION <i>4:45 PM</i>	JOB START	JOB FINISH
GARDEN LEASE <i>City C</i>		WELL # <i>2-17</i>		LOCATION <i>Friend SW-865-45</i>		COUNTY <i>Finney</i>	STATE <i>Kan</i>

OLD OR NEW (Circle one)

CONTRACTOR *Abercrombie R.T.D #4*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *262'*

CASING SIZE *8 5/8* DEPTH *260'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *41.31'*

PERFS.

OWNER *Lelsack Oil Prod. Inc*

CEMENT

AMOUNT ORDERED *125 @ 5% 60/40 pm*
3% cc - 2% lml

COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	@	<i>105</i>
MILEAGE		<i>4¢ per sk/line</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Walt*

300 HELPER *Terry*

BULK TRUCK

218 DRIVER *Dean*

BULK TRUCK

DRIVER

TOTAL

REMARKS:

Mix 130 sks 60/40 pm, 3% cc - 2% lml
Displace Plug to lined Cement, landed
on Baffle Plate, mix 120 sks cement
Down Backside dipnet fill, waited 2 hrs
Mixed mixed 125 sk 60/40 pm, 3% cc - 2% lml 1/4 lbs
Basket 80' from Surface Flo-Sol

SERVICE

DEPTH OF JOB	<i>262'</i>
PUMP TRUCK CHARGE	<i>445⁰⁰</i>
EXTRA FOOTAGE	@
MILEAGE	@ <i>233</i>
PLUG <i>8 5/8 wooden Plug</i>	@
	@
	@

TOTAL

CHARGE TO: *Abercrombie Bldg Co.*

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

8 5/8

<i>1 - Baffle Plate</i>	@	
<i>1 - Basket</i>	@	
	@	
	@	
	@	

TOTAL

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

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 is listed. The above work was
done to satisfaction and supervision of owner agent or
contractor. I have read & understand the "TERMS AND
CONDITIONS" listed on the reverse side.

SIGNATURE *[Signature]*