

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-4  
Form must be typed  
March 2009

APPLICATION FOR COMMINGLING OF *Commingling ID #* \_\_\_\_\_  
PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

OPERATOR: License # \_\_\_\_\_ API No. 15 - \_\_\_\_\_  
Name: \_\_\_\_\_ Spot Description: \_\_\_\_\_  
Address 1: \_\_\_\_\_ - - - - - Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
Address 2: \_\_\_\_\_ Feet from  North /  South Line of Section  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_ Feet from  East /  West Line of Section  
Contact Person: \_\_\_\_\_ County: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

1. Name and upper and lower limit of each production interval to be commingled:  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_

2. Estimated amount of fluid production to be commingled from each interval:  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_

3. Plat map showing the location of the subject well, all other wells on the subject lease, and all wells on offsetting leases within a 1/2 mile radius of the subject well, and for each well the names and addresses of the lessee of record or operator.

4. Signed certificate showing service of the application and affidavit of publication as required in K.A.R. 82-3-135a.

**For Commingling of PRODUCTION ONLY, include the following:**

- 5. Wireline log of subject well. Previously Filed with ACO-1:  Yes  No
- 6. Complete Form ACO-1 (*Well Completion form*) for the subject well.

**For Commingling of FLUIDS ONLY, include the following:**

- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

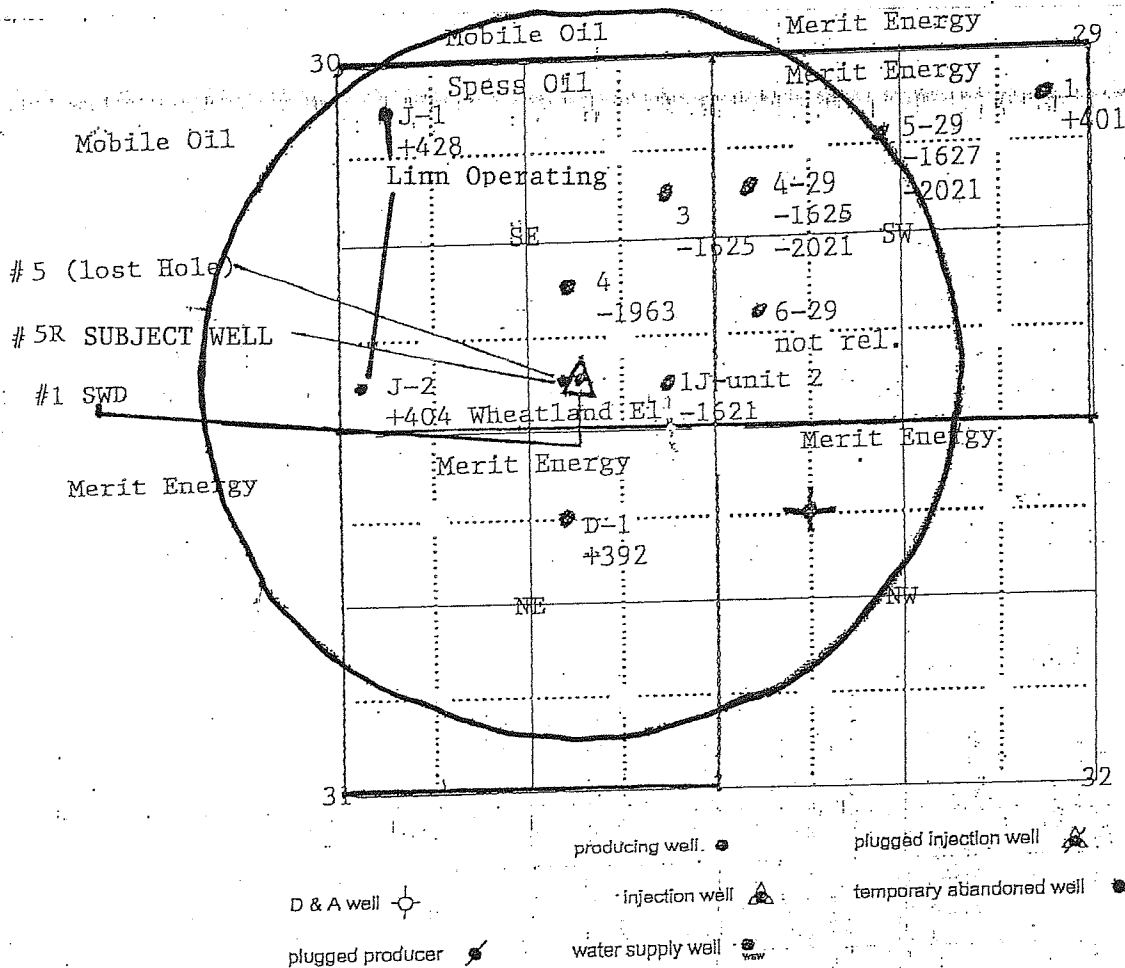
**AFFIDAVIT:** I am the affiant and hereby certify that to the best of my current information, knowledge and personal belief, this request for commingling is true and proper and I have no information or knowledge, which is inconsistent with the information supplied in this application.

Submitted Electronically

**KCC Office Use Only**  
 Denied  Approved  
15-Day Periods Ends: \_\_\_\_\_  
Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

*Protests may be filed by any party having a valid interest in the application. Protests must be in writing and comply with K.A.R. 82-3-135b and must be filed within 15 days of publication of the notice of application.*

Plat Map showing the location of the subject Well, all other wells on the subject lease, and all wells on offsetting leases within a 1/2 mile radius of the subject well, and for each well the names and addresses of the lessee of record or operator.



Merit Energy  
 13727 Noel Rd. Suite 1200  
 Dallas, Tx. 76102

Linn Operating, Inc.  
 600 Travis, Suite 1400  
 Houston, Tx. 77002

Exxon Mobil C/O XTO Energy Inc.  
 810 Houston St.  
 Fort Worth, Tx. 76102

**Affidavit of Notice Served**

Re: Application for: Spess Oil Company  
Well Name: LL Jones 5R Legal Location: E/2 SW SE SE Sec 30-25S-33W

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 9 of February, 2018, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

Note: A copy of this affidavit must be served as a part of the application.

Name	Address (Attach additional sheets if necessary)
Wheatland Electric Coop, Surface owner	P.O. Box 230, Scott City, KS. 67871
Merit Energy Company	13727 Noel Rd. Suite 1200, Dallas, Tx. 75240
Exxon Mobil c/o XTO Energy Inc.	810 Houston St. Fort Worth, Tx. 76102
Linn Operating Inc.	600 Travis, Suite 1400, Houston, Tx. 77002

I further attest that notice of the filing of this application was published in the Wichita Eagle, the official publication of Kansas. A copy of the affidavit of this publication is attached.

I further attest that notice of the filing of this application was published in the Garden City Telegram, the official county publication of Finney county. A copy of the affidavit of this publication is attached.

Signed this 23 day of February, 2018



[Signature]  
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 23rd day of February, 2018

[Signature]  
Notary Public

My Commission Expires: January 30, 2021

Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protestant in the proceedings, including the manner in which the protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 30 days of the publication notice of the application.



## LEGAL PROOF OF PUBLICATION

Account #	Ad Number	Identification	PO	Amount	Cols	Lines
645309	0003526917	BEFORE THE STATE CORPORATION COMMIS		\$281.49	1	47

**Attention:**

SPESS OIL COMPANY  
200 S BROADWAY ST.  
CLEVELAND, OK 74020

**BEFORE THE STATE CORPORATION  
COMMISSION OF THE STATE OF KANSAS  
NOTICE OF FILING APPLICATION**

RE: Spess Oil Company Application for order to commingle Fort Scott & Morrow sources of supply in LL Jones #5R well, located in Sec. 30-25-33W, Finney County, Kansas.

To: All Oil and Gas Producers, Unleased Minerals Interest Owners, Landowners, and all persons whosoever concerned.

You, and each of you, are hereby notified that Spess Oil Company has filed an application to commingle the production from the Fort Scott & Morrow sources of supply in the LL Jones #5R well, located in the SW-SE-SE of Sec 30-25-33W in Finney County, Kansas.

Any persons who object to or protest this application shall be required to file their objection or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days from the date of this publication. These protests shall be filed pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kansas. If no protests are received, this application may be granted through a summary proceeding. If valid protests are received, this matter will be set for hearing.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Spess Oil Company  
200 S Broadway St.  
Cleveland, Ok 74020  
(918) 358-5831

In The STATE OF KANSAS  
In and for the County of Sedgwick  
AFFIDAVIT OF PUBLICATION

1 Insertions

Beginning issue of: 02/15/2018

Ending issue of: 02/15/2018

STATE OF KANSAS)

.SS

County of Sedgwick)

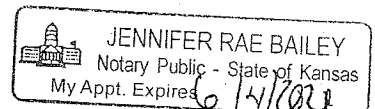
Dale Seiwert, of lawful age, being first duly sworn, deposeth and saith: That he is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper has been continuously and uninterruptedly published in said County for more than one year prior to the first publication of the notice hereinafter mentioned, and which said newspaper has been entered as second class mail matter at the United States Post Office in Wichita, Kansas, and which said newspaper is not a trade, religious or fraternal publication and that a notice of a true copy is hereto attached was published in the regular and entire Morning issue of said The Wichita Eagle from 2/15/2018 to 02/15/2018.

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

(Signature of Principal Clerk)

DATED: 2/15/2018

Notary Public Sedgwick County, Kansas



FEB 23 2018

# Proof of Publication

State of Kansas — Finney County

Dena A. Sattler, being first duly sworn, deposes and says that she is publisher of *The Garden City Telegram*, a weekly newspaper printed in the State of Kansas and published in and of general circulation in Finney County, Kansas, on a weekly basis in Finney County, Kansas, and that said newspaper is not a trade, religious, or fraternal publication.

THAT said newspaper is daily published at least weekly fifty (50) times a year, has been so published continuously and uninterruptedly in said county and state for a period of more than five (5) years prior to the first publication of said notice.

THAT the attached notice is a true copy thereof and was published in the regular and entire issue of said newspaper for 1 consecutive days /weeks. The first (1<sup>st</sup>) publication thereof being made as aforesaid on the 14<sup>th</sup> day of February, 2018.

WITH subsequent publications being made on the following dates:

- 2<sup>nd</sup> Publication made on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.
- 3<sup>rd</sup> Publication made on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.
- 4<sup>th</sup> Publication made on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Publication Fee: \$ 58.17

Affidavits (Additional Copies @ \$5 each) \$ \_\_\_\_\_

Total Publication Fee: \$ 58.17

Sign.

Witness my hand this 21<sup>st</sup> day of February, 2018.  
SUBSCRIBED AND SWORN before me this 21<sup>st</sup> day of FEB, 2018.

(Notary Public)

My commission expires. 11-25-2021

NOTARY PUBLIC-State of Kansas  
**NANCY MILLER**  
My Appt. Exp 11-25-21

(Published in the Garden City Telegram Wednesday, February 14, 2018)

## BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS NOTICE OF FILING APPLICATION

RE: Spess Oil Company Application for order to commingle Fort Scott & Morrow sources of supply in LL Jones #5R well, located in Sec. 30-25-33W, Finney County, Kansas.

To: All Oil and Gas Producers, Unleased Minerals Interest Owners, Landowners, and all persons whosoever concerned. You, and each of you, are hereby notified that Spess Oil Company has filed an application to commingle the production from the Fort Scott & Morrow sources of supply in the LL Jones #5R well, located in the SW-SE-SE of Sec 30-25-33W in Finney County, Kansas.

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Spess Oil Company  
200 S Broadway St.  
Cleveland, Ok 74020  
(918) 358-5831

257084

257084

Confidentiality Requested:

Yes  No

# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1  
January 2018

Form must be Typed  
Form must be Signed  
All blanks must be Filled

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30288  
 Name: Spess Oil Company, a General Partnership  
 Address 1: 200 S BROADWAY  
 Address 2: \_\_\_\_\_  
 City: CLEVELAND State: OK Zip: 74020, 4617  
 Contact Person: Jeffrey Spess  
 Phone: (918) 358-5831  
 CONTRACTOR: License # 5929  
 Name: Duke Drilling Co., Inc.  
 Wellsite Geologist: none  
 Purchaser: Plains All American Pipeline

Designate Type of Completion:

- New Well  Re-Entry  Workover
- Oil  WSW  SWD  
 Gas  DH  EOR  
 OG  GSW  
 CM (Coal Bed Methane)  
 Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

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

Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening  Re-perf.  Conv. to EOR  Conv. to SWD  
 Plug Back  Liner  Conv. to GSW  Conv. to Producer

- Commingled  Dual Completion  
 SWD  EOR  GSW
- Permit #: \_\_\_\_\_  
 Permit #: \_\_\_\_\_  
 Permit #: \_\_\_\_\_  
 Permit #: \_\_\_\_\_

10/19/2017 10/25/2017 01/24/2018  
 Spud Date or Date Reached TD Completion Date or  
 Recompletion Date Recompletion Date

API No.: 15-055-22468-00-00

Spot Description: 15' E NE of

E2 - SW SE - SE Sec. 30 Twp. 25 S. R. 33  East  West

330 Feet from  North /  South Line of Section

975 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: Finney

Lease Name: L L JONES Well #: 5R

Field Name: Plymell

Producing Formation: Morrow & Fort Scott

Elevation: Ground: 2945 Kelly Bushing: 2956

Total Vertical Depth: 5425 Plug Back Total Depth: 5395

Amount of Surface Pipe Set and Cemented at: 1723 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

### Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 7700 ppm Fluid volume: 450 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

### AFFIDAVIT

I am the affiant and I hereby certify that 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: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

### KCC Office Use ONLY

Confidentiality Requested

Date: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: Spess Oil Company, a General Partnership Lease Name: L L JONES Well #: 5R  
 Sec. 30 Twp. 25 S. R. 33  East  West County: Finney

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Geologist Report / Mud Logs	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
List All E. Logs Run:				
<b>Attached</b>				

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	12.25	8.625	24	1723	A-Con & Prem Plus	590	3% CaCl <sub>2</sub> , 1/4# Polyflake, 2% WC
Production	7.875	5.5	15.5	5416	A-Con & AA2	400	1/4# Polyflake, 5% W-60, 5% C17

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				

- Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
- Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
- Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/ Injection: <u>1/24/2018</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____						
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	10	0	50		33		

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL:	
		Top	Bottom
		4918	4942
		4590	4595

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>
4	4918	4924			Acid 1300 gal 15%, Frac 27klb 20/40 & 3klb 16/30 sd, 686 blw
4	4937	4942			see above
4	4590	4595			Acid 500 gal 15%, acid 3000 gal 7.5%
TUBING RECORD: Size: <u>2.875</u> Set At: <u>4900</u> Packer At: _____					

Form	ACO1 - Well Completion
Operator	Spess Oil Company, a General Partnership
Well Name	L L JONES 5R
Doc ID	1387227

All Electric Logs Run

Dual Induction Log
Dual Comp. Por. Log
Microlog
Borehole Comp. Sonic Log
Cement Bond Log

DRAFT



Form	ACO1 - Well Completion
Operator	Spess Oil Company, a General Partnership
Well Name	L L JONES 5R
Doc ID	1387227

Tops

Name	Top	Datum
Toronto	3917	-961
Iola Lime	4146	-1190
Dewey Lime	4211	-1255
Marmaton	4502	-1546
Fort Scott Lime	4585	-1629
Morrow Sand	4917	-1961
Miss-St Genevieve	4977	-2021
Miss-St Louis	5079	-2123

DRAFT

Form	ACO1 - Well Completion
Operator	Spess Oil Company, a General Partnership
Well Name	L L JONES 5R
Doc ID	1387227

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	1723	A-Con & Prem Plus	590	3% CaCl, 1/4# Polyflake, 2% WC
Production	7.875	5.5	15.5	5416	A-Con & AA2	400	1/4# Polyflake, 5% W-60, 5% C17

DRAFT



**BASIC**  
ENERGY SERVICES

Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country  
Estates Road, Liberal KS 67901

**PRESSURE PUMPING**

**Job Log**

Customer:	SPESS OIL COMPANY	Cement Pump No.:	38117, 19919 8Hrs.	Operator TRK No.:	78938
Address:		Ticket #:	1718 14514 L	Bulk TRK No.:	14355, 37724 YOSIMAR   27808, 19883 SANTIAGO
City, State, Zip:		Job Type:	Z42 - Cement Surface Casing		
Service District:	1718 - Liberal Ks	Well Type:			
Well Name and No.:	LL JONES-5R	Well Location:	19,25,33	County:	FINNEY
				State:	KS

Type of Cmt	Sacks	Additives	Truck Loaded On	
A-Con Blend	440	3%CALCIUM CHLORIDE, 1/4#POLYFLAKE, 2%WCA1	14355, 37724 YOSIMAR	Front Back
Premium Plus Cement	150	2%CALCIUM CHLORIDE, 1/4#POLYFLAKE	27808, 19883 SANTIAGO	Front Back
				Front Back

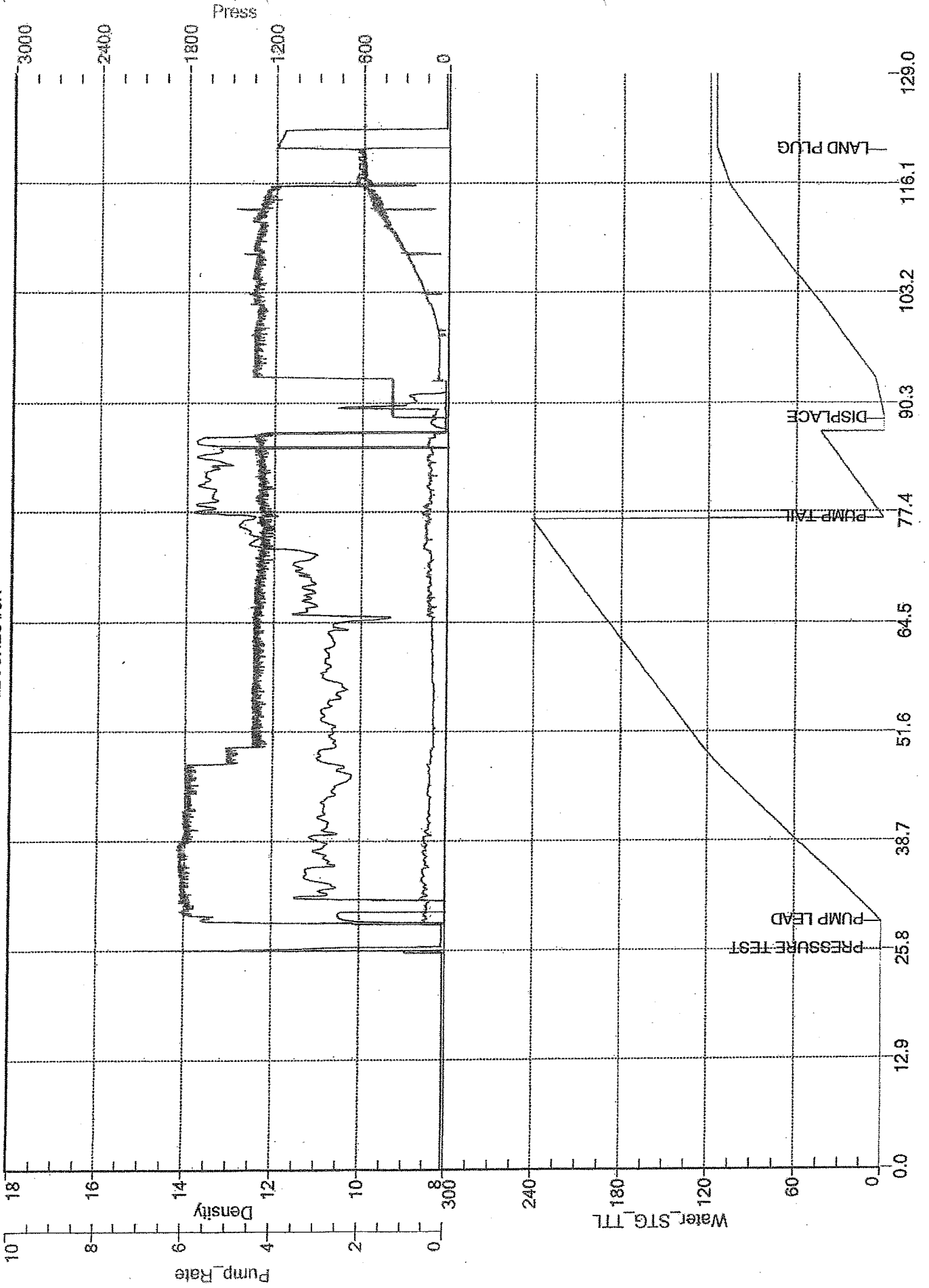
Lead/Tail:	Weight #1 Gal.	Yield	Water Requirements	CU. FT.	Man Hours / Personnel	
<b>Lead:</b>	11.4	2.95	18.1	1298	TT Man Hours:	67.5
<b>Tail:</b>	14.8	1.34	6.33	201	# of Men on Job:	5

Time (am/pm)	(BPM)	Volume (BBLS)	Pumps		Pressure (PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
0:01							ON LOCATION
0:15							SAFETY MEETING
12:45 AM							RIG UP
4:45 AM							CIRCULATING HOLE
5:10 AM							RIG TO P.T
5:19							PRESSURE TEST 2200PSI
5:22	5	231.1 slurry				110	PUMP 440SX LEAD@11.4#
6:11 AM	4.3	35.7 slurry				140	PUMP 150SX TAIL@14.80#
6:21							SHUTDOWN /DROP PLUG
6:23	4.5	10				70	DISPLACE
	4.5	20				70	
	4.4	30				80	
	4.5	40				160	
	4.5	50				190	
	4.4	60				250	
	4.5	70				340	
	4.5	80				440	
6:50	4	97				590	SLOW RATE TO 2.0BPM @ 550PSI
	2	100				600	
6:55	2	107.7				610	LAND PLUG / PRESSURE UP TO 1200PSI
6:57							RELEASE BACK -- FLOAT HELD
							JOB COMPLETE

Size Hole	12.25"	Depth			TYPE	Plug Container	
Size & Wt. Csg.	8.625" 23#	Depth	1723.73'	New / Used	Packer	Depth	
Landing Press.	339.7psi	Depth			Retainer	Depth	
Shoe Jt.	42.18'	Type			Perfs	CIBP	

Customer Signature: <i>X [Signature]</i>	Basic Representative:	Ruben Martinez
	Basic Signature:	<i>[Signature]</i>
	Date of Service:	10/21/2017

SPESS OIL COMPANY  
LL JONES #5R





**BASIC**  
ENERGY SERVICES

Liberal Yard #1717 - phone 620-624-2277 - 1700 S. Country  
Estates Road, Liberal KS 67901

PROFESSIONAL SERVICES

**Job Log**

Customer:	Spess Oil Company	Cement Pump No.:	37223-19570	Operator TRK No.:	39878
Address:	200 South Broadway Street	Ticket #:	1718-14549 L	Bulk TRK No.:	27808-19883 30463-37547
City, State, Zip:	Cleveland Ok 74020	Job Type:	Z42 - Cement Production Casing		
Service District:		Well Type:	OIL		
Well Name and No.:	LL Jones #5R	Well Location:	19,25,33	County:	Finney State: Ks

Type of Cmt	Sacks	Additives	Truck Loaded On	
A-CON	150	1/4# POLYFLAKE	27808-19883	Front Back
AA2	250	5%W-80, 10%SALT, .5%C-17, 1/4#C41P, 5#GILSONITE	30463-37547	Front Back
				Front Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel
<b>Lead:</b>	11.4	2.89	17.82	433.5	Man Hours:
<b>Tail:</b>	14.8	1.51	6.65	377.5	# of Men on Job: 4

Time (am/pm)	BPM	Volume (BBLs)	Pumps		Pressure (PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
20:30							ON LOC, SAFTEY MTG, R.U.
2:25						3200	TEST LINES
2:27 AM	5	12				150	PUMP MUD FLUSH
2:29 AM	5	5				150	H2O SPACER
2:35 AM							PLUG RAT AND MOUSE
2:47	7.2					160	START MIXING SCAVENGER@ 11.4#
3:00	6.7	51				170	ON TAIL @ 14.8#
3:15 AM		67					SHUT DOWN, DROP PLUG, WASHUP
3:20	8					170	START DISPLACEMENT
3:42	2	118				1040	SLOW RATE
3:49		129				1380-1950	PLUG DOWN
3:51						1950-0	RELEASE PSI, FLOAT HELD
							JOB COMPLETE
							THANK YOU FOR YOUR BUSINESS!!!

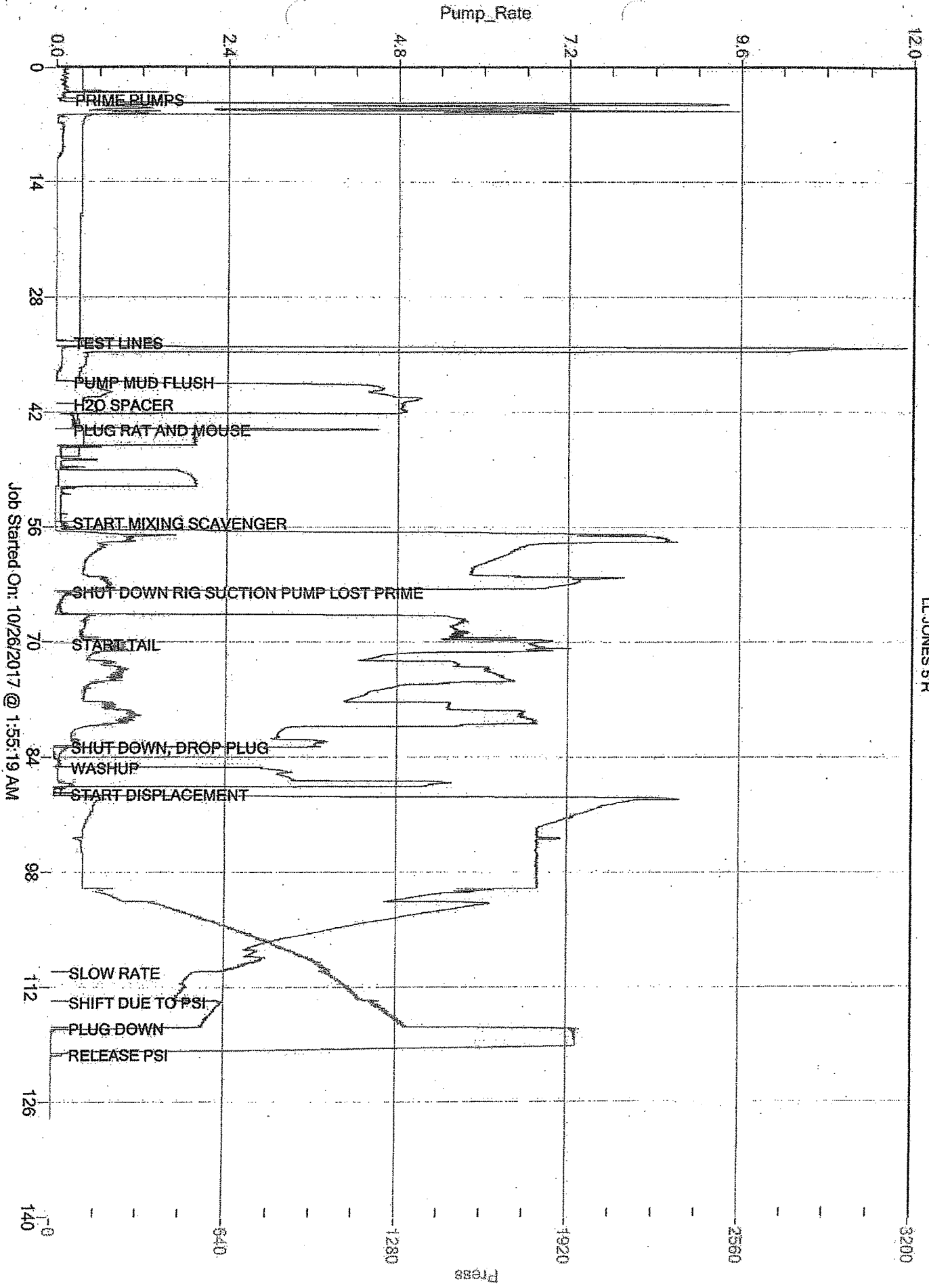
Size Hole	7 7/8	Depth	5425'		TYPE	
Size & Wt Csg.	5 1/2 15.5	Depth	5416.28	New / Used	Packer	Depth
lb.		Depth			Retainer	Depth
Top Plugs		Type			Perfs	CIBP

Customer Signature: *Kenneth McWhorter*

Basic Representative: CHAD HINZ

Basic Signature: *[Signature]*

Date of Service: 10/27/2017



Job Started On: 10/26/2017 @ 1:55:19 AM

# STATE OF KANSAS

CORPORATION COMMISSION  
CONSERVATION DIVISION  
266 N. MAIN ST., STE. 220  
WICHITA, KS 67202-1513



PHONE: 316-337-6200  
FAX: 316-337-6211  
<http://kcc.ks.gov/>

GOVERNOR JEFF COLYER, M.D.

SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | PAT APPLE, COMMISSIONER

March 6, 2018

Spess Oil Company  
200 S Broadway  
Cleveland, OK 74020-4617

RE: Approved Commingling CO021801  
L L Jones 5R  
API No. 15-055-22468-00-00

Dear Mr. Spess:

Your Application for Commingling (ACO-4) for the above described well has been reviewed and approved by the Kansas Corporation Commission (KCC) per K.A.R. 82-3-123. Notice was examined and found to be proper per K.A.R. 82-3-135a. No protest had been filed within the 15-day protest period.

Based upon the depth of the Morrow formation perforations, total oil production shall not exceed 200 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

Sincerely,

Rick Hestermann  
Production Department