

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

ORIGINAL

API NO. 15- 051-24,664

County Ellis

NE - NW - NW - Sec. 29 Twp. 11 Rge. 19 EW

Operator: License # 30110

Name: Western Investments, Inc.,

Address P.O. Box 370

City/State/Zip Hays, KS 67601

Purchaser:

Operator Contact Person: Don E. Pratt

Phone (913) 625-3446

Contractor: Name: WESTERN KANSAS DRILLING, INC

License: 4083

Wellsite Geologist: J.R. Green

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

X Dry Other (Core, WSW, Expl., Cathodic, etc)

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

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTB

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

6-13-90 6-19-90 6-19-90

Spud Date Date Reached TD Completion Date

4950' Feet from N (circle one) Line of Section

4290' Feet from E (circle one) Line of Section

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

Lease Name Solomon Well # 1-29

Field Name

Producing Formation

Elevation: Ground 2026' KB 2031'

Total Depth 3610' PBTB 3540'

Amount of Surface Pipe Set and Cemented at 227' 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 A1-D DFO
(Data must be collected from the Reserve Pit)

Chloride content 48,000 ppm Fluid volume 375 bbls

Dewatering method used Natural Solids

Location of fluid disposal if hauled offsite: N/A

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STATE CORPORATION COMMISSION

2-12-1992
FEB 12 1992

CONSERVATION DIVISION
WICHITA, KANSAS

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, 200 Colorado Derby Building, 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.

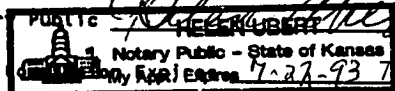
WESTERN INVESTMENTS, INC.,

Signature BY DON E. PRATT, DON E. PRATT,

Title PRESIDENT Date 2-6-92

Subscribed and sworn to before me this 6th day of February, 19 92.

Notar PUBLIC (Helen Iibert)



Date 7-27-93

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

Operator Name Western Investments, Inc., Lease Name Solomon Well # 1-29

Sec. 29 Twp. 11 Rge. 19 East West
 County Ellis

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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample
 Name Cong. Top Datum
 3561 3590
 Open: 30 and 60 minutes
 SHUT-IN 30 minutes and 30 minutes
 RECOVERED: 30 feet of very slightly oil specked mud.
 PRESSURES: Flow 16 and 32 pounds; initial flow none, tool slide to bottom; Final shut-in pressure 114 pounds.

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	12 1/2"	8 5/8"	20#	227'	60/40 poz	150 sks	3%cc 2% gel

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(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, 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: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

15-057-24664-00-00

GREEN & GREEN

CONSULTING PETROLEUM GEOLOGISTS

(913) 625-9023 or (913) 625-5155

P.O BOX 503

HAYS, KANSAS 67601

ORIGINAL

Solomon 1-29
NE NW NW 29-11-19W.
Ellis County, Kansas

Page 2

I-J bench 3453-89, & 3491-3520 K-L bench; each sample had traces to a small percent of vugular or fossiliferous limestone porosity with live lifeless to dead oil that did not warrant testing.

CONGLOMERATE CHERT 3561-3610 (T. D.):

This detritus chert section drilled one to three minutes to the foot and was so weathered and decayed that the chert pieces had cavities, as well as the usual porosity that develops between pieces. It was loaded with black oil, but it did not give up any volume of oil on drill stem test No. 1.

DRILL STEM TEST No. 1 3561-90:

OPEN: 30 and 60 minutes.

SHUT-IN: 30 minutes and 30 minutes:

RECOVERED: 30 feet of very slightly oil specked mud.

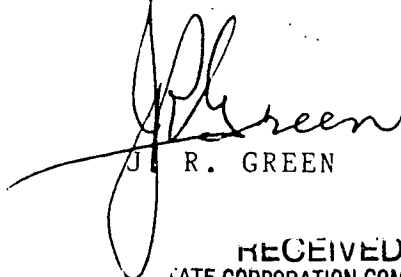
PRESSURES: Flow 16 to 32 pounds; Initial none, tool slide to bottom;

Final shut in pressure 114 pounds.

RECOMMENDATIONS

It was recommended and confirmed by all parties concerned to plug this hole.

RESPECTFULLY SUBMITTED,



J. R. GREEN

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2-12-1992
FEB 12 1992
CONSERVATION DIVISION
WICHITA, KANSAS

ORIGINAL



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

HALLIBURTON SERVICES

ORIGINAL

15-051-24664-00-008

A Halliburton Company

INVOICE NO.	DATE
910691	06/19/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
OMAN 1-29		ELLIS		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
S		CO. TOOLS	PLUG TO ABANDON		06/19/1990
LT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
565	RICK BLAKE			COMPANY TRUCK	96906

WESTERN KANSAS DRILLING
P. O. BOX 126
HAYS, KS 67601-0126

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

CE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
0-117	CING AREA - MID CONTINENT MILEAGE	22	MI	2.35	51.70
0-910	MISCELLANEOUS PUMPING JOB	1	TRK	370.00	370.00
0-503	CMTG PLUG LA-11,CP-1,CP-3, TOP	8 5/8	IN	59.00	59.00
4-308	STANDARD CEMENT	117	SK	5.45	637.65
5-105	POZMIX A	78	SK	2.88	224.64
6-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
7-277	HALLIBURTON-GEL BENTONITE	7	SK	13.75	96.25
9-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	26.25	131.25
7-210	FLOCELE	49	LB	1.30	63.70
0-207	BULK SERVICE CHARGE	208	CFT	1.10	228.80
0-306	MILEAGE CMTG MAT DEL OR RETURN	200.409	TMI	.75	150.31
INVOICE SUBTOTAL					2,013.30
DISCOUNT-(BID)					402.65-
INVOICE BID AMOUNT					1,610.65
*-KANSAS STATE SALES TAX					66.45
*-HAYS CITY SALES TAX					7.83
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,684.93

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WICHITA, KANSAS

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AT THE HIGHEST LEGAL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT. CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



HALLIBURTON SERVICES
Oklahoma, Oklahoma 73133

A Division of Halliburton Company

BULK MATERIALS DELIVERY

AND

TICKET CONTINUATION

FOR INVOICE AND
TICKET NO.

863423

15-051-24664-00-00

DATE 6-13-90	CUSTOMER ORDER NO.	WELL NO. AND FARM	COUNTY Ellis	STATE Kansas
CHARGE TO Western Kansas Drilling		OWNER Same	CONTRACTOR Co. Tools	No. B 848279
MAILING ADDRESS		DELIVERED FROM Hays, Ks	LOCATION CODE 50325	PREPARED BY Kuhn
CITY & STATE		DELIVERED TO N/W Hays, Ks	TRUCK NO. 0818	RECEIVED BY <i>Jack Moore</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
				150 Cu. Ft. Pozmix Cement 2% Gel					5.45	
504-308	516.00261	2	B	Standard Cement	90				5.45	490 50
506-105	516.00286	2	B	Pozmix 'A'	60				2.88	172 80
506-121	516.00259	2	B	3sk Halliburton Gel @2%						n/c
509-406	890.50812	2	B	Calcium Chloride Blended	4				26.25	105 00
<p>RECEIVED STATE CORPORATION COMMISSION 2-12-1992 FEB 12 1992 CONSERVATION DIVISION WICHITA, KANSAS</p>										
			Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES				
			SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET				
500-208		2	B	SERVICE CHARGE		158		1.10		173 80
500-306		2	B	Mileage Charge	13,520	22	148.720	.75		111 54
No. B 848279		CARRY FORWARD TO INVOICE				SUB-TOTAL		1,053 64		

CUSTOMER

DISTRICT Hays KS

DATE 6-13-90

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Western Kansas Drilling (CUSTOMER)
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1-29 LEASE Solomon SEC. 29 TWP. 11S RANGE 19W

FIELD N. Yasimento KS COUNTY Ellis STATE KS OWNED BY Western K.S. Drilg

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOV P.S.I.
FORMATION THICKNESS	FROM TO						
PACKER: TYPE	SET AT						
TOTAL DEPTH <u>233</u>	MUD WEIGHT						
BORE HOLE <u>12 1/4</u>							
INITIAL PROD: OIL BPD, H ₂ O BPD, GAS BPD, MCF							
PRESENT PROD: OIL BPD, H ₂ O BPD, GAS BPD, MCF							
CASING			<u>20#</u>	<u>8 5/8</u>	<u>KB-233</u>		
LINER							
TUBING							
OPEN HOLE				<u>12 1/4</u>	<u>KB</u>	<u>233</u>	SHOTS/FT
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED

Cement 8 5/8" Surface Casing w/ 150 sacks 60/40 Poz w/ 2% Gel
3% CC as directed

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default, payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and for any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the land on which the well is located (including, but not limited to, surface and subsurface damage. The "well owner" shall include working and royalty interest owners.
 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 3. Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.
- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton for any damages arising from the use of such information.
- d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy is cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, punitive or consequential damages.
- e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
- g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED FRANK T... (CUSTOMER)
DATE 6-13-90
TIME 2:00 A.M. (P.M.)

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER

JOB LOG

15-051-24664-00-00

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL / GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1600							ORIGINAL Called out - Ready @ 1730 Allocation - Rig drilling @ 100'
	1845							
	2010							Hole cut Start Casing @ Jts 20#/ft 8 5/8" Casing.
	2200							
	2245							Rig Circulate Hook up to Howco Start 5bbl fresh water spacer ahead
	2250		5					
	2255							Start Cement - 150 Sks 60/40 Pac w/ 2% Gel + 3% CC
	2253							
	2310		34 1/4					Finish Cement - Shut down Release Plug + Start disp
	2312	5						
	2315		14 1/4					Finish Disp. Plug down Circulated 3bbl Cmt to the pit
	2320							
	2325							Wash up truck Pack up Job Completed
	2330							

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WICHITA, KANSAS

CUSTOMER Western Kansas Lease Well No. 1-24 JOB TYPE C.M.T. UNIT. DATE 0-10-70

FIELD N. Yasimento KS SEC 29 TWP. 11s RNG. 19w COUNTY Ellis 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 SET AT
BOTTOM HOLE TEMP. PRESSURE
MISC. DATA TOTAL DEPTH 233

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAXIMUM PSI ALLOWABLE. Includes data for CASING (20", 8 5/8", KB, 233), TUBING (12 1/4", KB, 233), and PERFORATIONS.

TOOLS AND ACCESSORIES table with columns: TYPE AND SIZE, QTY., MAKE. Includes entries for FLOAT COLLAR, SHOE, GUIDE SHOE, CENTRALIZERS, BOTTOM PLUG, TOP PLUG LA-11 8 5/8" IEA Howco, HEAD, PACKER, OTHER.

JOB DATA table with columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Includes dates and times for 6-13.

PERSONNEL AND SERVICE UNITS table with columns: NAME, UNIT NO. & TYPE, LOCATION. Lists J. Moore, H. Berry, A. Werth and their units.

MATERIALS
TREAT. FLUID DENSITY LB/GAL. API
DISPL. FLUID DENSITY LB/GAL. API
PROP. TYPE SIZE LB.
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

DEPARTMENT Cement
DESCRIPTION OF JOB Cement Surface Casing w/ 150 sks 60/40 Poz w/ 2% Gel + 3% CC
JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
CUSTOMER REPRESENTATIVE Frank Taggart
HALLIBURTON OPERATOR Jack Moore COPIES REQUESTED

CEMENT DATA table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU.FT./BK., MIXED LBS./GAL. Includes entry for 150 sacks of 60/40 Poz cement with 2% Gel and 3% CC.

PRESSURES IN PSI
CIRCULATING DISPLACEMENT
BREAKDOWN MAXIMUM
AVERAGE FRACTURE GRADIENT
SHUT-IN: INSTANT 5-MIN. 15-MIN.
HYDRAULIC HORSEPOWER
ORDERED AVAILABLE USED
AVERAGE RATES IN BPM
TREATING DISPL. OVERALL
CEMENT LEFT IN PIPE
REASON Requested

SUMMARY
PRESLUSH: BBL.-GAL.
LOAD & BKDN: BBL.-GAL.
TREATMENT: BBL.-GAL.
CEMENT SLURRY: BBL.-GAL.
TOTAL VOLUME: BBL.-GAL.
REMARKS See Job log Thank you