

ORIGINAL SIDE/ONE

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

Operator: License # 6006  
Name: Molz Oil Company  
Address R.R. #2, Box 54  
Kiowa, KS 67070  
Purchaser:  
Operator Contact Person: Jim Molz  
Phone (316) 296-4558

Contractor: Name: Allen Drilling Co.  
License: 5418  
Wellsite Geologist: Gordon W. Keen

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

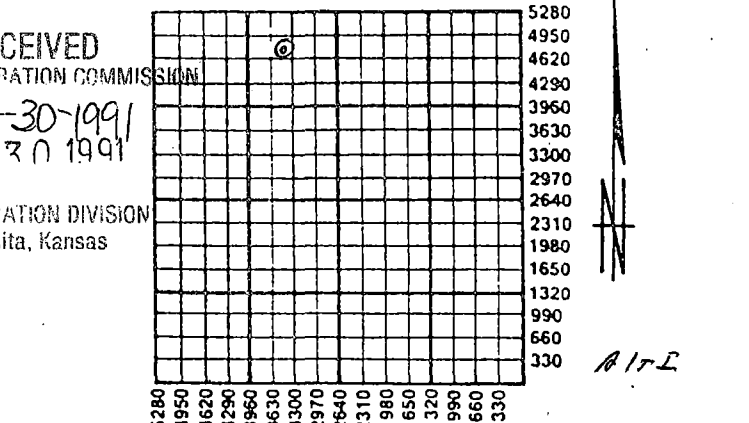
If OWM: old well info as follows:  
Operator:  
Well Name:  
Comp. Date            Old Total Depth           

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
3-27-91 4-6-91 4-7-91  
Spud Date Date Reached TD Completion Date

API NO. 15- 033-20,816-00-00  
County Commanche

NE NW Sec. 13 Twp. 31 Rge. 19  East West  
4755  Ft. North from Southeast Corner of Section  
3480  Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Sherman Well # 1  
Field Name Wildcat  
Producing Formation Dry  
Elevation: Ground 2141 KB 2146  
Total Depth 5198 PBTD -



Amount of Surface Pipe Set and Cemented at 657 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.

**INSTRUCTIONS:** This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 [Signature]  
Title [Signature] Date 4/29/91  
Subscribed and sworn to before me this 29 day of April, 1991.  
Notary Public B. Ann Leader

**B. ANN LEADER**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 4-2-93

**K.C.C. OFFICE USE ONLY**  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
**Distribution**  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

SIDE TWO

Operator Name Molz Oil Company Lease Name Sherman Well # 1

East

County Commanche

Sec. 13 Twp. 31 Rge. 19

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, 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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)</p> <p>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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 (Submit Copy.)</p>	<p style="text-align: center;"><b>Formation Description</b></p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Heebner Sh.</td> <td style="text-align: center;">4261</td> <td style="text-align: center;">4266</td> </tr> <tr> <td>Toronto</td> <td style="text-align: center;">4270</td> <td style="text-align: center;">4316</td> </tr> <tr> <td>Lansing/KC</td> <td style="text-align: center;">4446</td> <td style="text-align: center;">4820</td> </tr> <tr> <td>Altamont</td> <td style="text-align: center;">4930</td> <td style="text-align: center;">4970</td> </tr> <tr> <td>Mississippi</td> <td style="text-align: center;">5087</td> <td style="text-align: center;">5198 (RTD)</td> </tr> </tbody> </table>	Name	Top	Bottom	Heebner Sh.	4261	4266	Toronto	4270	4316	Lansing/KC	4446	4820	Altamont	4930	4970	Mississippi	5087	5198 (RTD)
Name	Top	Bottom																	
Heebner Sh.	4261	4266																	
Toronto	4270	4316																	
Lansing/KC	4446	4820																	
Altamont	4930	4970																	
Mississippi	5087	5198 (RTD)																	

**CASING RECORD**  New  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
Conductor	14 1/4	10 3/4	40#	260	Common fly ash	250	2%cal 3%gel
surface	9 7/8	8 5/8new	23#	651	Common fly ash	150	2%cal 3%gel

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (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 Production	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  Perforation  Dually Completed  Commingled

Other (Specify) DRY & ABANDONED

Production Interval



P.O. Box 4442  
Houston, Texas 77210

# ORIGINAL CEMENTING LOG

STAGE NO.

Date \_\_\_\_\_ District \_\_\_\_\_ Ticket No. 636597  
Company \_\_\_\_\_ Rig ALLEN #15  
Lease SHERMAN Well No. 1  
County COMANCHE State KANSAS  
Location \_\_\_\_\_ Field \_\_\_\_\_

COLDWATER SW, 1/2m 9/2  
CASING DATA: PTA  Squeeze   
Surface  Intermediate  Production  Liner   
Size 3 7/8" Type NEW Weight 234 Collar ST+C  
BRD

Casing Depths: Top KB Bottom 651'  
10 3/4" BL-262

Drill Pipe: Size 4 1/2" Weight 166# Collars X4  
Open Hole: Size 9 7/8" T.D. 600 ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
Casing: Bbls/Lin. ft. 0637 Lin. ft./Bbl. 15.7  
Open Holes: Bbls/Lin. ft. 0947 Lin. ft./Bbl. 10.55  
Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Annulus: Bbls/Lin. ft. 0225 Lin. ft./Bbl. 44.5  
CS6/PS6 Bbls/Lin. ft. 0286 Lin. ft./Bbl. 34.91  
Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

CEMENT DATA:  
Spacer Type: S P/BLE FRESH H2O  
Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
Excess \_\_\_\_\_  
Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type 40:60:2  
2 3/4" A-77 Excess \_\_\_\_\_  
Amt. 150 Sks Yield 1.24 ft<sup>3</sup>/sk Density 14.8 PPG

WATER: Lead \_\_\_\_\_ gals/sk Tail 3.6 gals/sk Total 20 Bbls

Pump Trucks Used 2907-6481 MAX BALL  
Bulk Equip. 2903-6487 JUSTEN HART

Float Equip: Manufacturer BAKER, WEATHER FORD  
Shoe: Type \_\_\_\_\_ Depth 651  
Float: Type BAFFLE PLATE Depth 603  
Centralizers: Quantity \_\_\_\_\_ Plugs Top RUBBER Btm. \_\_\_\_\_  
Stage Collars \_\_\_\_\_  
Special Equip. BAKEL @ 225  
Disp. Fluid Type FRESH H2O Amt. 39 Bbls. Weight 8.3V PPG  
Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE RON MOLZ

CEMENTER KEVIN BUNGARDI

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
3:00						ON LOCATION, RIG UP
						JOB + SAFETY MEETING
						RUN 3 7/8" CASING + PERCOLATE TO BOTTOM
						RIG UP TO CEMENT PUMP
		450			5	START FRESH H2O
		400		5	5	FRESH H2O IN - START CEMENT
		300		33	33	CEMENT IN - STOP PUMPS
		100			4	CHANGE VALVES - RELEASE P/B
		1600		77	39	START DISPLACEMENT
11:00					4	PLUG DOWN
						DID NOT PERCOLATE - RAN TOP + TAGGED CEMENT @ 38'

STATE OF KANSAS  
APR 30 1991  
REGISTRATION DIVISION  
Wichita, Kansas

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs.

Form No. SR 0502 (Rev. 3/90)  
Note: Must accompany job ticket.





P.O. Box 4442  
Houston, Tx. 77210

**ORIGINAL**

REMIT TO: P.O. Box 100806, Houston, Tx. 77212

**SERVICE OPERATIONS CONTRACT**  
TERMS NET 30 DAYS FROM DATE OF CONTRACT

DATE <b>3-28-91</b>		SERVICE CONTRACT NO. <b>636597</b>	
CUSTOMER ACCOUNT NO.	DIST NAME <b>MED LODGE</b>	NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>	WELL TYPE <b>6</b>
CUSTOMER <b>Molz Oil Co</b>	DIST NUMBER <b>530</b>	JOB NUMBER <b>500996</b>	LEASE NAME & FEDERAL OFFSHORE LEASE NO. <b>SHERMAN</b>
ADDRESS <b>R.R. #2, Box 54</b>		COUNTY/PARISH <b>COMANCHE</b>	STATE <b>Ks</b>
CITY <b>HOWA</b>	STATE <b>KANSAS</b>	ZIP <b>67070</b>	CITY CODE <b>14</b>
AUTHORIZED BY: <b>RON Molz</b>	ORDER NO.	WELL OWNER <b>Molz Oil Co</b>	MTA CODE
STAGE NO.	JOB CODE <b>0100 - CEMENT</b>	WORKING DEPTH <b>651</b> FT	PUMPING EQUIPMENT
TOTAL PREV. GALS.	1 SURFACE <input checked="" type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>	TRUCK CALLED	TIME (A OR P) <b>1:30 P</b>
TOTAL MEAS. DEPTH	SIZE HOLE <b>9 7/8"</b>	DEPTH <b>660</b> FT	DATE <b>03 23 91</b>
FT.	SIZE & WT. CASING <b>3 7/8" - 23#</b>	DEPTH <b>651</b> FT	ARRIVED AT JOB <b>3:00 P</b>
AVG. PSI.	PACKER DEPTH	FLUID PUMPED <b>40:60:213</b>	START OPERATION <b>10:40 P</b>
MAX. PSI.	MAX. BPM <b>5.6</b>	CUSTOMER INSTRUCTIONS FOR DISPOSAL OF RETURNED CEMENT	FINISH OPERATION <b>11:00 P</b>
S/S EMPLOYEE NUMBER <b>6664SH</b>			TIME RELEASED <b>12:00 A</b>
			MILES FROM STATION TO WELL <b>45</b>
			SALESMAN NUMBER

REMARKS

RECEIVED  
STATE CORPORATION COMMISSION

APR 30 1991

CONSERVATION DIVISION  
Wichita, Kansas

**CONTRACT CONDITIONS:** (This contract must be signed before the job is commenced or merchandise is delivered)  
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
01	1	501' - 1,000' TRAIL (LARGE)	630.00	E	630.00
	45	W/CEASE, ONE WAY	2.35	E	
	90	CLASS A	5.50	Q	495.00
	60	FLYASH	2.91	Q	174.60
	387	A-7P	.46	L	178.02
	258	BT 6EL	.14	L	36.12
	161	MIXING SERVICE	1.10	Q	177.10
	306	DRAINAGE 6.8 X 4S	.75	E	229.50
	1	3 7/8" TOP RUBBER PLUG	100.00	E	100.00
	1	3 7/8" Baffle Plate - W	99.25	E	99.25

SERVICE REPRESENTATIVE: **John Fungarot** THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: **X KTW**

CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



# ORIGINAL LOAD SHEET

JOB NUMBER 500996	CONTRACT NUMBER 636597	DATE 3/28/91	DISTRICT NAME MED. CODE K5
----------------------	---------------------------	-----------------	-------------------------------

CUSTOMER NAME AND ADDRESS Molz Oil Co R.R. 2 Box 54 Leona, Kansas 67070	DIRECT SHIPMENT FROM VENDOR NAME
--	-------------------------------------

Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	DIRECT SHIPPED	AMOUNT RETURNED
1	410504	CONCRETE A	Q	150		60
2	415013	FLUOR	Q	100		40
3	415049	H-7R	L	645		258
4	420145	BT 600	L	430		172
5	410636	3/8" RUBBER TUS	E	1		0
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						

RECEIVED  
STATE CORPORATION COMMISSION  
APR 30 1991  
CONSERVATION DIVISION  
Wichita, Kansas

COPY 1 - DISTRICT COPY COPY 2 - CUSTOMER COPY COPY 3 - HOUSTON	LOADED BY: <u>KEVIN TOWNSEND</u> CUSTOMER	SIGNATURE: <u>[Signature]</u>
	SIGNATURE: <u>[Signature]</u>	DATE: <u>3/28/91</u>



P.O. Box 4442  
Houston, Tx. 77210

ORIGINAL

**SERVICE OPERATIONS CONTRACT**  
TERMS NET 30 DAYS FROM DATE OF CONTRACT

REMIT TO: P.O. Box 100806, Houston, Tx. 77212

DATE <b>3-28-91</b>	SERVICE CONTRACT NO. <b>648506</b>
NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>	WELL TYPE <b>C</b>
WELL NO. <b>1</b>	LEASE NAME & FEDERAL OFFSHORE LEASE NO. <b>Sherman</b>
COUNTY/PARISH <b>Comanche</b>	CODE <b>1407</b> STATE <b>Ks</b> CODE <b>14</b>
FIELD NAME	CITY CODE
WELL OWNER <b>Melz Oil Co</b>	MTA CODE

CUSTOMER ACCOUNT NO.	DIST NAME <b>Melz Oil Co</b>
CUSTOMER <b>Melz Oil Co</b>	DIST NUMBER <b>584</b>
ADDRESS <b>RR #2 Box 54</b>	
CITY <b>Kinga</b> STATE <b>Ks</b>	ZIP <b>67070</b>
AUTHORIZED BY: (Please Print)	ORDER NO.

STAGE NO. <b>1</b>	JOB CODE <b>0100</b>	WORKING DEPTH <b>262</b> FT	PUMPING EQUIPMENT	TIME (A OR P)	DATE
TOTAL PREV. GALS.	1 SURFACE <input checked="" type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>		TRUCK CALLED	<b>013:3101A</b>	MM DD YY <b>03 28 91</b>
TOTAL MEAS. DEPTH	SIZE HOLE <b>14 3/4</b> DEPTH <b>276</b> FT		ARRIVED AT JOB	<b>018:3101A</b>	<b>03 28 91</b>
FT.	SIZE & WT. CASING <b>10 3/4 40</b> DEPTH <b>262</b> FT		START OPERATION	<b>017:0101A</b>	<b>03 28 91</b>
PACKER DEPTH	SIZE & WT. DRILL PIPE OR TUBING	DEPTH	FINISH OPERATION	<b>017:4151A</b>	<b>03 28 91</b>
AVG. PSI. <b>100</b> MAX. PSI. <b>300</b>	FLUID PUMPED		TIME RELEASED	<b>08:00 A</b>	
MAX. BPM <b>7</b>			MILES FROM STATION TO WELL		SALESMAN NUMBER

CUSTOMER INSTRUCTIONS FOR DISPOSAL OF RETURNED CEMENT

REMARKS

1

7

S/S EMPLOYEE NUMBER

614-26-9832

RECEIVED  
STATE CORPORATION COMMISSION

APR 30 1991

CONSERVATION DIVISION  
Wichita, Kansas

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK **011**

SIGNED: *Umarat Shera*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
11011010131012	1	0 to 300 ft	440.00	E	440.00
11011019101015	45	Pump truck mileage	2.35	E	105.75
11014110151014	150	Class A	5.50	G	825.00
11014115101118	100	Fly Ash	2.91	Q	291.00
11014115101419	645	A-7P	.46	L	296.70
11014121011415	430	BJ Gel	.14	L	60.20
11014131010414	1	Top Plug Wood Cement	100.00	E	100.00
110181810101011	268	Mixing Charge	1.10	Q	294.80
110191410111011	508.5	Large portion with - 11.3 x 45	.75	E	381.38
		Book Price			2794.83

SERVICE REPRESENTATIVE *W. E. W...*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Umarat Shera*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CHECK IF CONTINUATION IS USED

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



CUSTOMER COPY

SERVICE OPERATIONS CONTRACT CONTINUATION

ORIGINAL

CONTRACT NO. 148506

DATE OF JOB	MM DD YY	DISTRICT	DIST. NO.	AUTHORIZED BY
032891		Mediana Lodge	584	
CUSTOMER				
Molz Oil Co.				

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
		Discount			419 22
		Sub total			2375 61
11011071891		Fuel surcharge			59 39
		TOTAL			2435 00

RECEIVED  
 STATE CORPORATION COMMISSION  
 APR 30 1991  
 CONSERVATION DIVISION  
 Wichita, Kansas

SERVICE REPRESENTATIVE: *Walt E. Molz*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Vernon Johnson*

CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



P.O. Box 4442  
Houston, Texas 77210

# ORIGINAL CEMENTING LOG

STAGE NO.

Date 3-28-71 District Medicine Lodge Ticket No. 148501  
 Company Matz Oil Co. Rig 411-13  
 Lease Sherman Well No. 1  
 County Comanche State Ks  
 Location NW 13-31s-17w Field \_\_\_\_\_  
5 N 1/2 W Coldwater

CEMENT DATA:  
 Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 10 3/4 Type S Weight 9 Collar 8 Brand

LEAD: Pump Time \_\_\_\_\_ hrs. Type 40/1024 P-1  
3.00 Excess \_\_\_\_\_

Amt. 250 Sks Yield 1.23 ft<sup>3</sup>/sk Density 14.5 PPG  
 TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Drill Pipe: Size 4 1/2 Weight 16.8 Collars \_\_\_\_\_

Pump Trucks Used ESU 6482 Max F

Open Hole: Size 14 3/4 T.D. 276 ft. P.B. to 262 ft.

Bulk Equip. ASU 6483 Justice

### CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 1009 Lin. ft./Bbl. 7.91

Float Equip: Manufacturer \_\_\_\_\_

Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Float: Type \_\_\_\_\_ Depth \_\_\_\_\_

Annulus: Bbls/Lin. ft. 0.1027 Lin. ft./Bbl. 7.7387

Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_

Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip. \_\_\_\_\_

Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Disp. Fluid Type H<sub>2</sub>O Amt. 25 Bbls. Weight 874 PPG

Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE Vernon [Signature]

CEMENTER Max E. [Signature]

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS	
	AM/PM	DRILL-PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period		RATE Bbls Min.
7:00		1009		5435	7 3/4	7 3/4	18 1/2 x 250 SK 40/1024 P-1 3 1/2 CC
7:07					4		Rubber plug
7:15				25	8	3	Plug Plug
7:30							Plug down

RECEIVED  
STATE CORPORATION COMMISSION

APR 20 1971

CONSERVATION DIVISION  
Wichita, Kansas

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs. THANK YOU

Form No. SR 0502 (Rev. 3/90)  
Note: Must accompany job ticket.





# LOAD SHEET

JOB NUMBER 500994	CONTRACT NUMBER 648506	DATE 8/17	DISTRICT NAME Medina Lodge
----------------------	---------------------------	--------------	-------------------------------

CUSTOMER NAME AND ADDRESS H-1 = C,1	DIRECT SHIPMENT FROM VENDOR NAME
--	-------------------------------------

Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	DIRECT SHIPPED	AMOUNT RETURNED
1	410504	Class A	Q	90		
2	415018	POZ	Q	60		
3	415049	Ca CI	L	387		
4	420145	Gal	L	250		
5						
6						
7	410504	Class A	Q	60		
8	415018	POZ	Q	40		
9	415049	Ca CI	L	258		
10	420145	Gal	L	112		
11						
12	431044	10 <sup>3</sup> / <sub>4</sub> " Top Plug	E	1 (SWS)		
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						

RECEIVED  
STATE CORPORATION COMMISSION  
APR 30 1991  
CONSERVATION DIVISION  
Wichita, Kansas

Handwritten notes and signatures, including a large scribble and the name 'WAM'.

COPY 1 - DISTRICT COPY COPY 2 - CUSTOMER COPY COPY 3 - HOUSTON	LOADED BY: <u>W. E. Wolf</u> PRINTED: <u>W. E. Wolf</u> SIGNATURE: <u>W. E. Wolf</u>	CUSTOMER: <u>Vernold King</u> SIGNATURE: <u>Vernold King</u> DATE: _____
--	--	--



P.O. Box 4442  
Houston, Tx. 77210

#209

**SERVICE OPERATIONS CONTRACT**  
TERMS NET 30 DAYS FROM DATE OF CONTRACT

REMIT TO: P.O. Box 100806, Houston, Tx. 77212

ORIGINAL

DATE: 4-7-91  
SERVICE CONTRACT NO. 648557

CUSTOMER ACCOUNT NO.		DIST NAME MED. COOBS, Ks		NEW WELL <input checked="" type="checkbox"/>	WELL TYPE	JOB NUMBER 301012	
CUSTOMER MOEZ OIL CO		DIST NUMBER 534		WELL NO. 1	LEASE NAME & FEDERAL OFFSHORE LEASE NO. SIFERMAN		
ADDRESS ROUTE # 2, Box 54				COUNTY/PARISH COMANCHE	CODE 1707	STATE Ks	CODE 114
CITY KIOWA		STATE KANSAS		ZIP 67070		FIELD NAME UNNAMED	
AUTHORIZED BY: VINCE SCHEPPEL		ORDER NO.		WELL OWNER MOEZ OIL CO		MTA CODE	
STAGE NO.	JOB CODE OHS - CEMENT	WORKING DEPTH 990	FT	PUMPING EQUIPMENT		TIME (A OR P)	DATE
TOTAL PREV. GALS.		1 SURFACE <input type="checkbox"/>	2 INTERMEDIATE <input type="checkbox"/>	3 PRODUCTION <input type="checkbox"/>	4 REMEDIAL <input checked="" type="checkbox"/>	TRUCK CALLED	12:00 P 04/07/91
TOTAL MEAS. DEPTH FT.		SIZE HOLE 7 1/8"	DEPTH 5200	ARRIVED AT JOB		12:00 P 04/07/91	
AVG. PSI.		MAX. PSI.	PACKER DEPTH	START OPERATION		1:30 P 04/07/91	
150			FLUID PUMPED 40.60.6	FINISH OPERATION		2:30 P 04/07/91	
				TIME RELEASED		3:00 P	
				MILES FROM STATION TO WELL 45		SALESMAN NUMBER	
CUSTOMER INSTRUCTIONS FOR DISPOSAL OF RETURNED CEMENT							
REMARKS							
MAX. BPM S							
S/S EMPLOYEE NUMBER 666454							

RECEIVED  
STATE CORPORATION COMMISSION  
APR 30 1991  
CONSERVATION DIVISION  
Wichita, Kansas

**CONTRACT CONDITIONS:** (This contract must be signed before the job is commenced or merchandise is delivered)

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK 01

SIGNED: *[Signature]*  
(WELL OWNER, OPERATOR, CONTRACT OR AGENT)

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
101102106	1	501' - 1,000' PUMP GUARDE	640.00	F	640.00
101109005	45	MILEAGE ONE WAY	2.35	F	105.75
10410504	75	CLASS A	5.50	Q	412.50
10415913	50	FLUASH	2.91	Q	145.50
10420145	645	BT GEL	.14	L	90.30
10380001	136	MIXING SERVICE	1.10	Q	149.60
109401101	257	DRYAGE S.7 X45	.75	F	192.75
		BOOK PRICE		\$	1736.40
		LESS			260.46
		SUBTOTAL		\$	1475.94

SERVICE REPRESENTATIVE: KEVIN BRUNDMT

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*

CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.





P.O. Box 4442  
Houston, Texas 77210

# CEMENTING LOG ORIGINAL

STAGE NO.

Date 4-7-91 District Allen Lodge Ticket No. 643557  
 Company Holtz Oil Co. Rig ALLEN #5  
 Lease SHERMAN Well No. 1  
 County COMANCHE State KANSAS  
 Location 13-31s-19w Field UNNAMED  
COLUMBIA SW, 9/4w 5/5  
 CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 3 1/2" Type \_\_\_\_\_ Weight 23# Collar ST-C

CEMENT DATA:  
 Spacer Type: FRESH H<sub>2</sub>O  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 LEAD: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 TAIL: Pump Time \_\_\_\_\_ hrs. Type 40:60.6  
 Excess \_\_\_\_\_  
 Amt. 125 Sks Yield 1.53 ft<sup>3</sup>/sk Density 12.8 PPG  
 WATER: Lead \_\_\_\_\_ gals/sk Tail 7.3 gals/sk Total \_\_\_\_\_ Bbbs

Casing Depths: Top 6' Bottom 651'

Pump Trucks Used 2901-6431 MAX PAUL  
Bulk Equip. 2903-6433 JUSTIN HART

Drill Pipe: Size 4 1/2" Weight 16.6# Collars XH  
 Open Hole: Size 7 7/8" T.D. 5200 ft. P.B. to \_\_\_\_\_ ft.  
 CAPACITY FACTORS:  
 Casing: Bbbs/Lin. ft. 06311 Lin. ft./Bbl. 15.7  
 Open Holes: Bbbs/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbbs/Lin. ft. 0142 Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbbs/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Bbbs/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type MUD Amt. \_\_\_\_\_ Bbbs. Weight 9.3 PPG  
 Mud Type CHEMICAL Weight 9.3 PPG

COMPANY REPRESENTATIVE VANCE SCHNEPPEL

CEMENTER KEVIN PRINGANDI

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
12:00						RECEIVED ON LOCATION, REG UP JOB SAFETY MEETING
						STATE CONSERVATION COMMISSION
						APR 30 1991
						CONSERVATION DIVISION
						Wichita, Kansas
		150			4 1/2	505X @ 990'
		150	3 1/2	8 1/2	4	START FRESH H <sub>2</sub> O
		50	22 1/2	14	5	H <sub>2</sub> O IN - START CEMENT
		50	25 1/2	3	5	CEMENT IN - START H <sub>2</sub> O
1:30		56	33	7 1/2	5	H <sub>2</sub> O IN - STOP PUMPS
						505X @ 600'
		100			4 1/2	START FRESH H <sub>2</sub> O
		100	3 1/2	3 1/2	5	FRESH H <sub>2</sub> O - START CEMENT
		50	22 1/2	14	5	CEMENT IN - START H <sub>2</sub> O
		100	25 1/2	3	5	H <sub>2</sub> O IN - START MUD
2:10		100	28 1/2	3	4	MUD IN - STOP PUMPS
			3	3	4 1/2	CEMENT TO SURFACE @ 60' WITH 105X
2:30		100	4 1/2	4 1/2	4 1/2	CEMENT TO SURFACE @ 60' WITH 105X

**LOAD SHEET**

JOB NUMBER <i>S01013</i>	CONTRACT NUMBER <i>643557</i>	DATE <i>4/7/91</i>	DISTRICT NAME <i>Medicine Lodge</i>
-----------------------------	----------------------------------	-----------------------	--

CUSTOMER NAME AND ADDRESS <i>MOLZ Oil Co</i> <i>Rt. #2, Box 54</i> <i>KEOWA, KANSAS 67070</i>	DIRECT SHIPMENT FROM VENDOR NAME
--	-------------------------------------

Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	DIRECT SHIPPED	AMOUNT RETURNED
1	410504	Class A	Q	75		0
2	41508	Fly Ash	Q	50		0
3	420145	B.J. Gel.	L	645		0
4						
5						
6						
7		7300# LN Front				
8						
9		4100# LN Rear				
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						

RECEIVED  
STATE COMMISSION  
APR 30 1991  
CONSERVATION DIVISION  
Wichita, Kansas

COPY 1 - DISTRICT COPY COPY 2 - CUSTOMER COPY COPY 3 - HOUSTON	LOADED BY: <i>Max Ball</i> PRINTED <i>Kevin Pump</i> SIGNATURE	CUSTOMER: <i>Wayne H. Lopez</i> SIGNATURE DATE: <i>4/7/91</i>
--	---	---