

JAN 16 2002

CONSERVATION DIVISION WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 6006  
Name: MOLZ OIL CO., INC.  
Address: 19159 SW CLAIRMONT  
City/State/Zip: KIOWA KS 67070  
Purchaser: ONEOK  
Operator Contact Person: JIM MOLZ  
Phone: (620) 296 4558  
Contractor: Name: DUKE  
License: 5929  
Wellsite Geologist: DOUG MCGINNESS JR.

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: GEORGE JONES  
Well Name: #1 LAWRENCE  
Original Comp. Date: 4-06-1979 Original Total Depth: 4425  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_  

<u>10-11-01</u>	<u>10-14-01</u>	<u>1-04-02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-20-731-0001  
County: BARBER  
C SW SW Sec 35 Twp. 32 S. R. 10  East  West  
4620 feet from S / N (circle one) Line of Section  
4620 feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: LAWRENCE Well #: 4  
Field Name: LITTLE SANDY  
Producing Formation: MISSISSIPPI  
Elevation: Ground: 1403 Kelly Bushing: 1411  
Total Depth: 4940 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 360 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) ALTI WITHIN 10-16-06  
Chloride content 42,000 ppm Fluid volume 600 bbls  
Dewatering method used EVAPORATION  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: MOLZ OIL CO., INC.  
Lease Name: THOMPSON License No.: 6006  
Quarter NE Sec 34 Twp. 32 S. R. 10  East  West  
County: BARBER 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 of 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: [Signature]  
Title: President Date: 1-15-02  
Subscribed and sworn to before me this 15th day of January, 2002  
Notary Public: Debra A. Koppitz  
Date Commission Expires: 4-24-02

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**DEBRA A. KOPPITZ**  
Notary Public - State of Kansas  
My Appt. Expires 4-24-02

X

Operator Name: MOLZ OIL CO., INC. Lease Name: LAWRENCE Well #: 4  
 Sec. 35 12 S. R. 10  East  West County: BARBER

**INSTRUCTIONS:** Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>KINDERHOOK</td> <td>4600</td> <td>3189</td> </tr> <tr> <td>WOODFORD</td> <td>4650</td> <td>3239</td> </tr> <tr> <td>VIOLA</td> <td>4683</td> <td>3272</td> </tr> <tr> <td>MARSHALL</td> <td>4703</td> <td>3352</td> </tr> <tr> <td>SIMPSON SH</td> <td>4775</td> <td>3304</td> </tr> <tr> <td>SIMPSON ST</td> <td>4777</td> <td>3366</td> </tr> <tr> <td>ARBUCKLE</td> <td>4923</td> <td>3512</td> </tr> </tbody> </table>	Name	Top	Datum	KINDERHOOK	4600	3189	WOODFORD	4650	3239	VIOLA	4683	3272	MARSHALL	4703	3352	SIMPSON SH	4775	3304	SIMPSON ST	4777	3366	ARBUCKLE	4923	3512
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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 Comont	# Sacks Used	Type and Percent Additives
OIL & GAS	7 7/8	5 1/2	1550	4940	COMMON	175	7#KOL-SEAL

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 <i>(Amount and Kind of Material Used)</i>	Depth
4	4387-4393	1500 GAS 7.5%	4387-4414
4	4410-44-14	FRACTURE 20,000 SAND & WATER	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
	2 7/8	4720		

Date of First, Resumed Production, SWD or Enhr. 1-5-02	Producing Method <input type="checkbox"/> Flowing <input checked="" 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	
	7	70,000	100	1/10	26	

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

*(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION Production Interval



# CEMENTING LOG ORIGINAL

Date 10-14-01 District W.D. LODGE Ticket No. 2572 72970  
 Company MINZ CO. CO. Rig 2482  
 Lease LAURENCE Well No. 3  
 County BARBER State KANSAS  
 Location 35-325-10W Field HAGON 2E, 2S, 1/4 of 44S

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 5 1/2" Type NEW-USD Weight 20.54 Collar BRU

Casing Depths: Top RL Bottom 4928'

Drill Pipe: Size 1 7/8" Weight 4940 Collars \_\_\_\_\_  
 Open Hole: Size 11 1/8" T.D. 4940 ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbbls/Lin. ft. .0155 Lin. ft./Bbl. 42.01'  
 Open Holes: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbbls/Lin. ft. .0309 Lin. ft./Bbl. 34.1'  
 Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

COMPANY REPRESENTATIVE [Signature] CEMENTER [Signature]

CEMENT DATA:  
 Spacer Type: 5000 Gals. HILTIEN OVER FLUSH  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density 3.3 PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type 60:40.6  
 Amt. 25 Skys Yield 1.53 ft<sup>3</sup>/sk Density 12.8 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type ASC  
 Amt. 175 Skys Yield 1.57 ft<sup>3</sup>/sk Density 14.5 PPG  
 WATER: Lead 7.8 gals/sk Tail 7.22 gals/sk Total 24.7 Bbbls.

Pump Trucks Used 252 DAVID PERLO  
 Bulk Equip. 364 ERIC HOLMES

Float Equip: Manufacturer WEATHERFORM  
 Shoe: Type CEMENT Depth 4928'  
 Float: Type HEU FLAPPER Depth 4905'  
 Centralizers: Quantity 6 Plugs Top NIPPER Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. BASKET ON #7  
 Disp. Fluid Type 3/4 KCL Amt. 115 Bbbls. Weight 2.34 PPG  
 Mud Type CEMENT Weight 95 PPG

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbls Min.	
12:45						ON LOCATION, RIG UP
						RUN 5 1/2" CAS. - BREAK (CONTINUATION)
						RIG UP TO CEMENT PUMP
1:00	150				4	START SUPER FLUSH
	300		12	12	4	SUPER FLUSH IN - STOP PUMP
	300		15	3	3	CHANGE VALVES - LINE PRESSURE HAS 1050
	300		14 1/2	2 1/2	3	LINE RATE 1155 60:40.6
	450		39 1/2	20	4	CHANGE VALVES - START ASC
	450		49 1/2	12	4	GRADUAL PRESS. DROP
	400		66 1/2	17	4	HTZ IN - STOP PUMPS - CHANGE VALVE
						WASH PUMPS & LINES - CHANGE VALVES
	100				2	RELEASE LINE - START DISP.
	150		68 1/2	3	5 1/2	INCREASE RATE
	400		120 1/2	51	5 1/2	HTZ TO SHOE
	450		132 1/2	12	4	ASC TO SHOE - SLOW RATE
	700		149 1/2	17	4	GRADUAL PRESS. INC.
	350		159 1/2	10	4	"
	1050		180 1/2	21	3	SLOW RATE
4:30	1650		181 1/2	1	3	STOP PUMP

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 JAN 16 2002