

ORIGINAL

SIDE ONE

CONFIDENTIAL RELEASED OCT 0 9 1991

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

API NO. 15- 151-22,003 -00-50

FROM CONFIDENTIAL

County Pratt
NE SW NW Sec. 2 Twp. 27 Rge. 12 East West

Operator: License # 9232

3630 Ft. North from Southeast Corner of Section

Name: Timberline Oil & Gas Corp.

4290 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address 4447 South Canyon Road

Lease Name E. B. Studer Well # 3

Suite 1

Field Name Stead So.

City/State/Zip Rapid City, SD 57702

Producing Formation Mississippian Chert

Purchaser: Texaco Trading and Transportation, Inc.

Elevation: Ground 1868 KB 1876

Operator Contact Person: Brant C. Grote

Total Depth 4300' PBDT

Phone (605) 341-3400

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Roy Knappe, Jr.

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

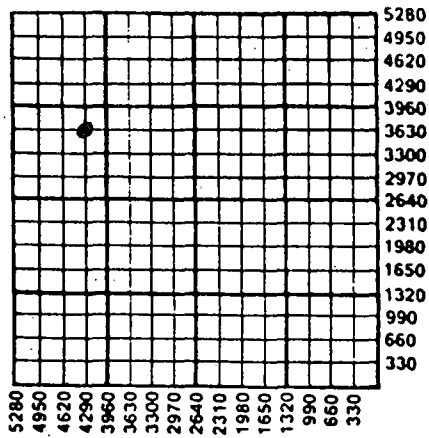
If OWMO: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

08-09-90 08-15-90 8-24-90
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 254 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 Brant C. Grote

Title President Date 9/12/90

Subscribed and sworn to before me this 12 day of September, 1990.

Notary Public: Tracy R. Steffee SEP 17 1990

Date Commission Expires 3/30/96

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 Timberline Oil & Gas Corp. Lease Name E.B. Studer Well # 3

Sec. 2 Twp. 27 Rge. 12 East West County Pratt

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.)

Dual Porosity Log
Dual Induction Log

Formation Description

Log Sample

Name	Top	Bottom
Mississippian Chert	4142'	4191'

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
Surface	12 1/2"	8-5/8"	20#	254'	60/40poz	170	2% gel 3% cc
Production	7-7/8"	4 1/2"	9.5#	4299'	60/40poz	75	20 bbls. Mud Sweep
					ASC	50	

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4142-82'	1000g 15% HCl, frac w/ 135,000 # sand, 1885 BBI X-Link KCl	4142-82

TUBING RECORD Size 2 3/8 Set At 4126' Packer At _____ Liner Run Yes No

Date of First Production 8-30-90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	40	40	35	1000	42°

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval 4142-82'

OCT 09 1991

ORIGINAL

FROM CONFIDENTIAL

TELEPHONE:
AREA CODE 913 483-2627

LIED CEMENTING COMPANY INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL

TO: Timberline Oil & Gas Corporation
4447 S. Canyon Road #1
Rapid City, S. Dakota 57702

INVOICE NO. 57192
PURCHASE ORDER NO. _____
LEASE NAME E. B. Studer #3
DATE Aug. 15, 1990

6-30-1
V-8
72
B Flood 6

SERVICE AND MATERIALS AS FOLLOWS:

Common 60 sks @\$5.00		\$ 300.00	
ASC 50 sks @\$7.00		350.00	
Pozmix 40 sks @\$2.25		90.00	
WFR II 840 gal @\$0.21		<u>176.40</u>	\$ 916.40
Handling 150 sks @\$0.90		135.00	
Mileage (41) @\$0.03¢ per sk per mi		184.50	
Production string		838.00	
Mi		11.00	
1 plug		<u>31.00</u>	1,199.50
5-4½" cent.	205.00		
1 g. shoe	104.00		
1 AFU	<u>161.00</u>		
			<u>470.00</u>
			\$ 2,585.90
			517.18
			2068.72

RECEIVED
AUG 22
TOP

If account CURRENT 20% discount will be allowed ONLY if paid within 30 days total from date of invoice.

Float held

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

SEP 17 1990

LIED CEMENTING COMPANY
RUSSELL, KANSAS

TELEPHONE:
AREA CODE 913 483-2627

APPLIED CEMENTING COMPANY INC.
P. O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL

12 L-304
Bill code to V-8

ORIGINAL

TO: Timberline Oil & Gas Corporation
4447 S. Canyon Rd #1
Rapid City, S. Dakota 57702

INVOICE NO. 57158
PURCHASE ORDER NO. _____
LEASE NAME E. B. Studer #3
DATE Aug. 9, 1990

RELEASED

SERVICE AND MATERIALS AS FOLLOWS:

Common 102 sks @\$5.00
Pozmix 68 sks @\$2.25
Chloride 5 sks @\$20.00

\$ 510.00
153.00
100.00

FROM CONFIDENTIAL

\$ 763.00

Handling 170 sks @\$0.90
Mileage (41) @\$0.03c per sk per mi
Surface
Mi @\$1.00 pmp. trk. (11)
1 plug

153.00
209.10
360.00
11.00
40.00

773.10

If account CURRENT 20% discount will
be allowed ONLY if paid within 30 days
from date of invoice.

Total

\$ 1,536.10

Cement circ.

- 307.22

1228.88

RECEIVED

AUG 17

THANK YOU

TOG

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

SEP 17 1990

DIVISION
Russell, Kansas