

ORIGINAL

JAN 18 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- 151-21,947 - 00-00

County Pratt FROM CONFIDENTIAL

2.5 S & 25 E of East
C E/2 NE/4 Sec. 3 Twp. 27 Rge. 12 West

3935 Ft. North from Southeast Corner of Section

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

Lease Name E. B. Studer B Well # 1

Field Name Stead South

Producing Formation Mississippi

Elevation: Ground 1879 KB 1889

Total Depth 4350' PBDT 4287

Operator: License # 9232

Name: Timberline Oil & Gas Corp.

Address 4447 South Canyon Rd. Ste #1

City/State/Zip Rapid City, SD 57702

Purchaser: Texaco

Operator Contact Person: Brant C. Grote

Phone (605) 341-3400

Contractor: Name: Lobo Drilling Co.

License: 5864

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 **OWO**: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

09-22-89 09-27-89 10-11-89

Spud Date Date Reached TD Completion Date

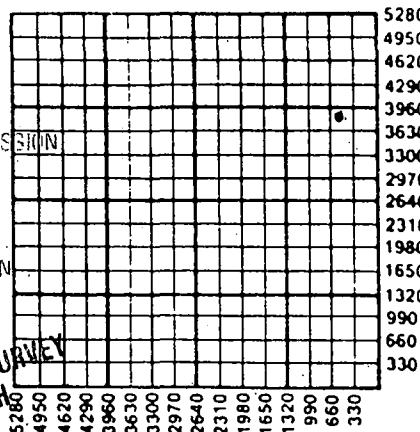
RECEIVED

STATE CORPORATION COMMISSION

OCT 16 1989

CONSERVATION DIVISION
Wichita, Kansas

OCT 12 1989 SURVEY
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH



ACT I
1-18-91

Amount of Surface Pipe Set and Cemented at 258 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 10-13-89

Subscribed and sworn to before me this 13th day of October, 19 89.

Notary Public Trudy K. Steiger
Date Commission Expires 3/30/96

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached
 Wireline Log Received
 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 B Well # 1
 Sec. 3 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.

RELEASED

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 Induction
Dual Compensated Porosity

Formation Description JAN 1 8 1991

Log Sample

FROM CONFIDENTIAL

Name	Top	Bottom
Heebner Shale	3523 KB	3526 KB
Mississippian chert	4175 KB	4242 KB

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"	28#	258'	60/40poz	180	2% gel 3% c
Production	7-7/8"	4 1/2"	9.5#	4340'	60/40poz	75	2% gel
					ASC	100	20BBI WFRIL

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	4176-4241	1500g. 15% HCl 9620 bbl X-Linked gelled KCl and 50000# sand	4176-4241

TUBING RECORD

Size 2 3/8" Set At 4254 KB Packer At - Liner Run Yes No

Date of First Production 10-12-89 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	25	20	118	800	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 4176-4241

TELEPHONE:
AREA CODE 913 483-2027

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

72
Bill Code 6 L-305
U-8
INVOICE NO. 54822

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

PURCHASE ORDER NO. _____
LEASE NAME E, B, Studer #1
DATE Sept. 22. 1989

SERVICE AND MATERIALS AS FOLLOWS:

Common 108 sks @ \$5.00	\$ 540.00	
Poz Mix 72 sks @ \$2.25	162.00	
Gel 4 sks @ \$6.75	27.00	
Chloride 5 sks @ \$20.00	100.00	\$ 829.00
Handling 180 sks @ \$.90	162.00	
Mileage (42) @ \$.03 per sk per mi	226.80	
Surface	360.00	
Mi @ \$1.00 Pmp Trk	12.00	
Plug	40.00	800.80

RECEIVED
STATE CORPORATION COMMISSION

00116 1989

Cement Circ.

CONSERVATION DIVISION
Wichita, Kansas
THANK YOU

RECEIVED Total \$ 1,629.80

SEP 29 1989 dist

IOG

325.96
1303.84

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

All Prices Are Net, Payable 20th of Month Following Date of Invoice. 3/4 of 1% Charged Thereafter

DEPTH of Job		Handling 180	.90	162.00
Reference:		Mileage 42		226.80
Pratt	Pump Trk Cng	md. sd.	Sub Total	
	Pump Trk mlg			
1	9 5/8 Plug		Total	1217.80
	Sub Total			
	Tax			
	Total			412.00
Remarks: Cement del Circulate!		Total \$ 1629.80		
		Less Disc - 325.96		
		\$ 1303.84		

Circ. Thank You!

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.
P. O. BOX 31
RUSSELL, KANSAS 67865

Bill code 4-305
72 u-8

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

INVOICE NO. 54862
PURCHASE ORDER NO. _____
LEASE NAME E B Stoder B #1
DATE Sept. 27, 1989

SERVICE AND MATERIALS AS FOLLOWS:

Common 45 sks @\$5.00
ASC 100 sks @\$7.00
Pozmix 30 sks @\$2.25
Gel 2 sks @\$6.75
WFR II 840 gal @\$0.21

RECEIVED
STATE CORPORATION COMMISSION \$ 225.00
OCT 1 1989 700.00
67.50
13.50
CONSERVATION DIVISION 176.40
Wichita, Kansas

Handling 175 sks @\$0.90 157.50
Milege (42) @\$0.03c per sk per mi 220.50
Production string 838.00
Mi @\$1.00 pmp. trk. (12) 12.00
1 plug 31.00
1-4 1/2" g. shoe 104.00
1 AFU 161.00
5 cent. 205.00

Float held

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

THANK YOU

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1% PERCENT CHARGED THEREAFTER

RECEIVED
OCT 02 1989
T.O.G.
\$ 1,182.40

1,259.00

470.00
\$ 2,911.40

- 582.28

2329.12