

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

ORIGINAL

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 9232  
Name: Timberline Oil & Gas Corporation  
Address: 4000 Penrose Place  
City/State/Zip: Rapid City, SD 57702  
Purchaser: NCRA  
Operator Contact Person: Brant C. Grote  
Phone: (605) 341-3400  
Contractor: Name: Fossil Drilling, Inc.  
License: 33610  
Wellsite Geologist: Scott Alberg  
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: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 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. \_\_\_\_\_  
12/2/06 12/12/06 1/24/07  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date

API No. 15 - 151-22251-00-00  
County: Pratt  
SE - SE NW Sec. 21 Twp. 26 S. R. 12  East  West  
2970 feet from  S / N (circle one) Line of Section  
2970 feet from  E / W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE  SE NW SW  
Lease Name: Knop A Well #: 5  
Field Name: Iuka Carmi  
Producing Formation: Mississippi  
Elevation: Ground: 1901 Kelly Bushing: 1910  
Total Depth: 4418 Plug Back Total Depth: 4185  
Amount of Surface Pipe Set and Cemented at 8 jts 332' 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.  
Alt I - Dig - 11/5/08

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ East West  
County: \_\_\_\_\_ 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: 2/28/07  
Subscribed and sworn to before me this 28th day of February, 2007  
Notary Public: TRUDY K. SCHREINER  
Date Commission Expires: NOTARY PUBLIC  
State of South Dakota

KCC Office Use ONLY  
N Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
**MAR 05 2007**

KCC WICHITA

Operator Name: Timberline Oil & Gas Corporation Lease Name: Knop A Well #: 5  
 Sec. 21 Twp. 26 S. R. 12 East West County: Pratt

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: Dual Induction Compensated Density Neutron Micro Resistant	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Log Name</th> <th>Formation (Top), Depth and Datum</th> <th>Sample</th> </tr> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3511</td> <td>-1601</td> </tr> <tr> <td>Mississippi</td> <td>4112</td> <td>-2202</td> </tr> <tr> <td>Simpson</td> <td>4305</td> <td>-2395</td> </tr> </tbody> </table>	Log Name	Formation (Top), Depth and Datum	Sample	Name	Top	Datum	Heebner	3511	-1601	Mississippi	4112	-2202	Simpson	4305	-2395
Log Name	Formation (Top), Depth and Datum	Sample														
Name	Top	Datum														
Heebner	3511	-1601														
Mississippi	4112	-2202														
Simpson	4305	-2395														

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		8 5/8	23#	332'		425	
Production	7 7/8	5 1/2	15.5#	4412'	60-40	250	

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 (Amount and Kind of Material Used)	Depth
4	4188-94	1000g MCA	
		Frac 20,000# sand, 476 bbl 25# linear gel	

TUBING RECORD	Size 2 7/8"	Set At 4173	Packer At	Liner Run Yes <input checked="" type="checkbox"/>
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Date of First, Resumed Production, SWD or Enhr. 1/2/07	Producing Method Flowing <input type="checkbox"/> <u>Pumping</u> <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. 3	Gas Mcf 15	Water Bbls. 45	Gas-Oil Ratio 5000
				Gravity 38

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

**RECEIVED**  
**MAR 05 2007**  
**KCC WICHITA**

# ALLIED CEMENTING CO., INC.

Federal Tax I.D.#

26547

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Medicine LDb

DATE <u>12-2-06</u>	SEC. <u>21</u>	TWP. <u>26S</u>	RANGE <u>12W</u>	CALLED OUT <u>7:30PM</u>	ON LOCATION <u>10:00PM</u>	JOB START <u>11:00PM</u>	JOB FINISH <u>12:00AM</u>
LEASE <u>KnoP</u>			WELL # <u>A-5</u>	LOCATION <u>IUKa 2N 5E</u>		COUNTY <u>PLATT</u>	STATE <u>KS</u>
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)			<u>1/2 N E into</u>				

CONTRACTOR Fossil #1 OWNER Timberline Oil Gas

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 335

CASING SIZE 8 5/8 DEPTH 333

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 DEPTH 335

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX 200 PSI MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT LEFT

CEMENT LEFT IN CSG. 15 FT

PERFS. \_\_\_\_\_

DISPLACEMENT Fresh Water 20% BB's

CEMENT  
AMOUNT ORDERED 425 SX 60' 40' ::  
43% CC

COMMON	<u>255</u>	@	<u>10.65</u>	<u>2715.75</u>
POZMIX	<u>170</u>	@	<u>5.80</u>	<u>986.00</u>
GEL	<u>7</u>	@	<u>16.65</u>	<u>116.55</u>
CHLORIDE	<u>13</u>	@	<u>46.60</u>	<u>605.80</u>
ASC		@		

EQUIPMENT

PUMP TRUCK CEMENTER David W.

# 372 HELPER Darin E.

BULK TRUCK

# 421 DRIVER Clint W.

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

HANDLING	<u>445</u>	@	<u>1.90</u>	<u>845.50</u>
MILEAGE	<u>445</u>	@	<u>1.00</u>	<u>445.00</u>

TOTAL 5670.10

REMARKS:

Pipe at Bottom Break pipe  
Pump 275 SX Cement shut  
Down Release Plug Displace  
w/ Fresh Water 20% BB's,  
Cement did not cure top  
out w/ 150st cement to top  
wash up Rig Down.

SERVICE

DEPTH OF JOB	<u>333 FT</u>		
PUMP TRUCK CHARGE			<u>815.00</u>
EXTRA FOOTAGE	<u>33'</u>	@	<u>.65</u> <u>21.45</u>
MILEAGE	<u>10</u>	@	<u>6.00</u> <u>60.00</u>
MANIFOLD	<u>Head Rent</u>	@	<u>100.00</u> <u>100.00</u>

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TOTAL 996.45

CHARGE TO: Timberline Oil Gas

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

KCC WICHITA  
PLUG & FLOAT EQUIPMENT

<u>1-Rubber Plug</u>	@	<u>100.00</u>	<u>100.00</u>
	@		
	@		
	@		

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment

# ALLIED CEMENTING CO., INC.

Federal Tax I.D.

26131

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Medicine Lodge

DATE <u>12-10-06</u>	SEC. <u>21</u>	TWP. <u>26S</u>	RANGE <u>12W</u>	CALLED OUT <u>5:00 P.M.</u>	ON LOCATION <u>7:30</u>	JOB START <u>12:00</u>	JOB FINISH <u>1:30</u>
LEASE <u>KNOP</u>	WELL.# <u>A-5</u>	LOCATION <u>TUKA, KS Northside Easton</u>			COUNTY <u>Pratt</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>		<u>Black top, 1W, 5E, 1/2 N, 1/2 East into</u>					

CONTRACTOR Fossil #1 OWNER Timberline Oil Hires

TYPE OF JOB <u>Production</u>	T.D. <u>441B</u>
HOLE SIZE <u>7 7/8</u>	DEPTH <u>4313</u>
CASING SIZE <u>5 1/2</u>	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>1700</u>	MINIMUM <u>-</u>
MEAS. LINE	SHOE JOINT <u>24.60</u>
CEMENT LEFT IN CSG. <u>24.60</u>	
PERFS.	
DISPLACEMENT <u>105 3/4 lbs Fresh H2O</u>	

CEMENT  
AMOUNT ORDERED 200 SY 100' 40' pipe  
75 SY ASC 75# Kol-Seal / sack

COMMON	<u>120</u>	<u>A</u>	@	<u>10.65</u>	<u>1278.00</u>
POZMIX	<u>80</u>		@	<u>5.80</u>	<u>464.00</u>
GEL	<u>10</u>		@	<u>16.65</u>	<u>166.50</u>
CHLORIDE			@		
ASC	<u>75</u>		@	<u>13.10</u>	<u>982.50</u>
<u>Kol Seal</u>	<u>375</u>		@	<u>.70</u>	<u>262.50</u>
			@		
			@		
			@		
			@		
			@		
			@		
HANDLING	<u>306</u>		@	<u>1.90</u>	<u>581.40</u>
MILEAGE	<u>8 x 306 x .09</u>				<u>240.00</u>
	<u>min chg</u>				<u>TOTAL 3974.90</u>

REMARKS:

7 pipe on Bottom of Circ. Pump the Close 500  
gal mud clean plug Rat Hole pump 1855x100'  
40' to lead cement pump 755x ASC 75# Kol-Seal/sack  
Tail, stop plugs, wash pipe & lines, release  
plug, start plug with fresh H2O see in  
inf. St slow Rate pump plug. Lost did  
Hold.

SERVICE

DEPTH OF JOB	<u>441B</u>		
PUMP TRUCK CHARGE			<u>1675.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>8</u>	@	<u>6.00 48.00</u>
MANIFOLD	<u>Head Rental</u>	@	<u>100.00 100.00</u>
		@	
		@	

RECEIVED

MAR 05 2007

TOTAL 1823.00

CHARGE TO: Timberline Oil Hires  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

5 1/2" KOC WICHITA EQUIPMENT

<u>IAFU Plant Shop</u>	@	<u>263.00</u>	<u>263.00</u>
<u>Latch Down Plug</u>	@	<u>375.00</u>	<u>375.00</u>
<u>Basket</u>	@	<u>150.00</u>	<u>150.00</u>
<u>4 Turbolizers</u>	@	<u>60.00</u>	<u>360.00</u>