

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE



Operator: License # ..... 5376 .....  
Name ..... Palmer Drilling Inc .....  
Address ..... Box 116 .....  
..... Longton, Ks. 67352 .....  
City/State/Zip .....

Purchaser ..... Union Gas .....  
..... Independence, Ks. 67301 .....

Operator Contact Person ..... Dick Palmer .....  
Phone ..... 316-642-2865 .....

Contractor: License # ..... 5376 .....  
Name ..... Palmer Drilling Inc .....

Wellsite Geologist .....  
Phone .....

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

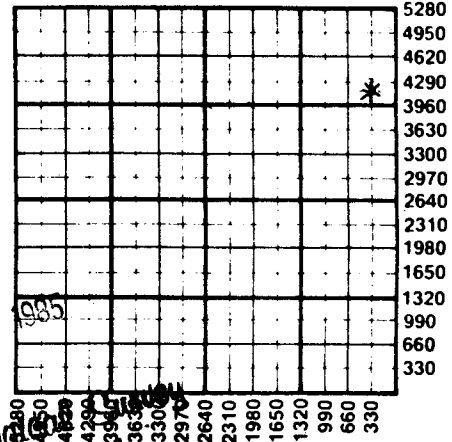
If **OWNO**: old well info as follows:  
Operator .....  
Well Name .....  
Comp. Date ..... Old Total Depth .....

WELL HISTORY

Drilling Method:  
 Mud Rotary     Air Rotary     Cable  
..... 10/18/84 ..... 10/24/84 ..... 11-6-84 .....  
Spud Date                      Date Reached TD                      Completion Date  
..... 1534' .....  
Total Depth                      PBTD  
  
Amount of Surface Pipe Set and Cemented at ..... 40' feet

API NO. 15-049-21-896 .....  
County ..... Elk .....  
NE 1/4 ..... Sec. 33. Twp. 31. Rge. 12.  East  West  
..... 4250 ..... Ft North from Southeast Corner of Section  
..... 330 ..... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)  
Lease Name ..... Delong ..... Well # ..... 3 .....  
Field Name ..... Longton .....  
Producing Formation ..... Oswego .....  
Elevation: Ground ..... KB .....

Section Plat



State Geologist  
WICHITA BRANCH

Disposition of Produced Water:  Disposal  Repressuring  
Docket # .....

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit # .....  
 Groundwater ..... Ft North from Southeast Corner (Well) ..... Ft West from Southeast Corner of Sec Twp Rge  East  West  
 Surface Water ..... Ft North from Southeast Corner (Stream, pond etc) ..... Ft West from Southeast Corner

11/6/84	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain) .....				
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Ø	992 Btu			
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Sold  
 Open Hole  Perforation  
 Other (Specify) .....

SIDE TWO

Operator Name Palmer Drilling Inc. Lease Name Delong Well # 3

Sec...33... Twp..31... Rge..12...  East  West County...Elk.....

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Name	Top	Bottom
Longton Sand	542	566
Layton Sand	670	700
Big Salt	712	809
Lenapah	938	959
Wayside	999	1030
Altamont	1030	1055
Weiser	1069	1108
Pawnee	1160	1186
Peru	1192	1210
Oswego	1210	1238
Squirrel	1269	1290
Red Fork	1362	1375
Bartlesville	1386	1449
Burgis	1519	1523
Miss. Chat	1533	1534TD

CASING RECORD <input type="checkbox"/> New <input checked="" 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 Cement	#Sacks Used	Type and Percent Additives
Surface	12"	7"	22	40.56	Port.	14	
Production	6 1/2"	4 1/2"	9 1/2	1534'	Bulk	165	2 sk. gel 2 sk Flo Seal
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	1213'-1221' 3.5 alum strip-jets 22.5 gram			15% acid - 250 gal - 50 sk. AK. 14.1 gal. AX. 21 Xylene		1213'-1221'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method					

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

33-31-126  
Compt.

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

F Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

C Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # 5376 EXPIRATION DATE

OPERATOR Palmer Drilling Inc. API NO. 15-049-21,896

ADDRESS Box 116 COUNTY Elk

Longton, Ks. 67352 FIELD

\*\* CONTACT PERSON Dick Palmer PROD. FORMATION

PHONE 316-642-2865

BUYER Union Gas LEASE Delonc

ADDRESS Independence, KS WELL NO. 3

331-4500 WELL LOCATION

DRILLING Palmer Drilling Inc. 4250ft. from N from SE corner of sec

CONTRACTOR ADDRESS Box 116 330ft. from W from SE corner of sec

Longton, Ks. 67352 the NE (Qtr.) SEC 33 TWP 31 RGE 12E.

PLUGGING CONTRACTOR ADDRESS

TOTAL DEPTH 1534' PBTD

START DATE 10/18/84 DATE COMPLETED 10/24/84

ELEV: GR DF KB

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

SOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE

Amount of surface pipe set and cemented 40' DV Tool Used?

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil (Gas) Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

WELL PLAT

(Office Use Only)


KCC  
KGS  
SWD/REP  
FLG.

A F F I D A V I T

A.R. Palmer, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

A.R. Palmer

FILL IN WELL INFORMATION AS REQUIRED: WELL NO. **3**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Check if no Drill Stem Tests Run.				
Surface Hole	0	45		
Cement	30	45		
Shale & Sand	45	48		
Lime	48	52		
Sand	52	71		
Lime	71	72		
Shale	72	83		
Sand	83	86		
Shale & Sand	86	158		
Lime	158	163		
Shale	163	168		
Lime	168	173		
Shale	173	182		
Lime	182	190		
Shale	190	440		
Lime	440	448		
Sand	448	453		
Lime	453	457		
Shale	457	552		
Lime	552	563		
Shale	563	569		
Lime	569	574		
Shale	574	617		
Lime	617	631		
Shale	631	635		
Lime	635	641		
Sandy Shale	641	656		
Oil Show Sand	656	659		
Sand & Shale	659	700		
Lime	700	704		
Shale	704	710		
Lime	710	785		
Shale	785	786		
Lime	786	805		
Shale	805	820		
Sand	820	832		
Shale	832	847		

If additional space is needed use Page 2, Side 2

Report of all strings set— surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Socks	Type and per cent additives

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Setting depth	Weight per foot		

OPERATOR

Palmer Drilling Inc.

LEASE

Delong

SEC. 33

TWP. 31

RGE. 12E

33-31-12E

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 3

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Check if no Drill Stem Tests Run.				
Sand	847	871		
Lime	871	893		
Shale	893	913		
Sand	913	919		
Sandy Shale	919	939		
Shale	939	955		
Lime	955	980		
Sandy Shale	980	984		
Sand	984	1000		
Sandy Shale	1000	1009		
Lime	1009	1033		
Coal	1033	1039		
Lime	1039	1041		
Sandy Shale	1041	1052		
Shale	1052	1140		
Lime (Pawnee)	1140	1156		
Shale	1156	1180		
Lime (Oswego)	1180	1207		
Shale	1207	1231		
Lime	1231	1238		
Coal	1238	1245		
Lime	1245	1249		
Sand & Shale	1249	1255		
Shale	1255	1440		
Mississippi Chat	1440	1532		
	1532	1534TD		

If additional space is needed use Page 2, Side 2

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
	6 1/4"	7"		40.56	Portland	14	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD