

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

Operator: License # 3180-  
Name: Deutsch Oil Company  
Address 107 North Market - Suite 1115  
Wichita, KS 67202  
City/State/Zip  
Purchaser: Peoples Natural Gas  
Operator Contact Person: Kent Deutsch  
Phone (316) 267-7551  
Contractor: Name: Duke Drilling Co., Inc.  
License: 5929  
Wellsite Geologist: Kent Deutsch

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

If Workover/Re-Entry: old well completion logs:  
Operator: 2-9-95  
Well Name: FEB 09 1995  
Comp. Date Old Total PERKIN  
CONSERVATION DIVISION WICHITA, KS  
 Drilling  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBDT  
 Commingled  Docket No.  
 Dual Completion  Docket No.  
 Other (SWD or Inj?)  Docket No.

05-14-94 05-19-94 7-18-94  
Spud Date Date Reached TD Completion Date

API NO. 15- 155-21,319 - 0000  
County Reno  
5'S & 5'E of  
C - NW - NE - Sec. 18 Twp. 24 Rge. 10 E  
1975 Feet from S (circle one) Line of Section  
1975 Feet from W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, (S) NW or SW (circle one)  
Lease Name Cushing-Thiel Well # 1-18  
Field Name Zenith-Peace Creek  
Producing Formation Mississippi  
Elevation: Ground 1790 KB 1798  
Total Depth 3850 PBDT  
Amount of Surface Pipe Set and Cemented at 188 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 ALTI 974 2-13-96  
(Data must be collected from the Reserve Pit)  
Chloride content 48000 ppm Fluid volume 1440 bbls  
Dewatering method used Vacuum Truck  
Location of fluid disposal if hauled offsite:  
Operator Name Bullseye Roustabout Service  
Lease Name Clark License No. 31056  
NW Quarter Sec. 10 Twp. 26 S Rng. 12W E/W  
County Pratt Docket No. D-21,405

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 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 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 owner Date 9-20-94  
Subscribed and sworn to before me this 20<sup>th</sup> day of Sept  
1994  
Notary Public [Signature]  
Date Commission Expires 10-1-97

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

SIDE TWO

Operator Name Deutsch Oil Company Lease Name Cushing-Thiel Well # 1-18  
 Sec. 18 Twp. 24 Rge. 10  East County Reno  
 West

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner Sh	3202-1406	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Douglas Sh	3230-1434	
List All E.Logs Run:	Dual Induction	Brown Lime	3361-1565	
Comp. Neutron Density	Frac. Finder	Lansing	3384-1588	
	Coral	Base KC	3682-1886	
		Mississippi	3728-1932	
		Kinderhook	3768-1972	

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 Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8-5/8"	20#	188'	60/40 poz	175	2% gel 3% cd
Production	7-7/8"	4 1/2"	10.5#	3849'	60/40 poz	150	2% gel

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
1	3730, 31, 32, 33, 34, 35, 37, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 63, 64, 65	2000 gals of 10% MCA	
	45,000# 100 mesh sd 95,500 12/20 sd w/2209 bbls gelled wtr.		

TUBING RECORD	Size <u>2-3/8</u>	Set At <u>3731</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	<u>7-18-94</u>	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. <u>0</u>	Gas Mcf <u>50</u>	Water Bbls. <u>20</u>	Gas-Oil-Ratio

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval: 3730-3765





Phone 913-483-2627, Russell, KS  
 Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS  
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
 Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC. UCC6357

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

Date	5/19/94	Sec.	18	Twp.	24s	Range	16W	Called Out	1:30 PM	On Location	4:00 PM	Job Start	6:15 PM	Finish	7:30 PM
Leas	Cushing-Thiel	Well No.	1-18	Location	ZENITH I.E. 4N. E/S	County	RENO	State	KS						
Contractor	Puke Drilling Rig #2														
Type Job	CMT 4 1/2 Prod. Csg														
Hole Size	7 7/8	T.D.	3850												
Csg.	4 1/2 10.5"	Depth	3846												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	6"	Shoe Joint	6"												
Press Max.	1000	Minimum	100												
Meas Line		Displace	61.25												
Perf.															

Owner Same  
 To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To **Deutch Oil Co.**

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.  
 X *John Ambrosio*

**CEMENT**

Amount 25 SKs 60/40; 2909-1  
 Ordered 50 SKs 60/40; 2909-1 1,290 FL-5P

Consisting of  
 Common  
 Poz. Mix  
 Gel.  
 Chloride  
 Quickset

Sales Tax

Handling  
 Mileage

Sub Total

Total

Floating Equipment

**EQUIPMENT**

No.	Cementer	<i>Justin Hart</i>
Pumptrk 266	Helper	<i>Max Ball</i>
No.	Cementer	
Pumptrk	Helper	
227	Driver	<i>Kevin Brungardt</i>
Bulktrk	Driver	

**DEPTH of Job**

Reference		
38.46 ft	Pump Charge	
Mi	Mileage	
1 Ea	4 1/2 Rubber Plug	
	Sub Total	
	Tax	
	Total	

Remarks: Plug Hat Hole with 15 SKs 60/40; 2 Plug  
 Ill. use Hat with 10 SKs 60/40; 2 Cmt 4 1/2 Prod.  
 Csg with 10 SKs 60/40; 2 + 50 SKs 60/40; 2 +  
 1,290 FL-5P Washup Pumpkins Prop Plug  
 Displace 61.25 GAL Land Plug Float Hat

RECEIVED  
 SHAW-WALKER CORPORATION  
 FEB 09 1996  
 SHAW-WALKER CORPORATION  
 WICHITA, KS