

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

API NO. 15- 007-22,415-00-00

ORIGINAL

County Barber  
90' E & 40' N  
C - SE - NE Sec. 29 Twp. 31 Rge. 15 X W

Operator: License # 8653

Name: Petroleum Technologies, Inc.

Address 500 Nichols Road  
Suite 407

City/State/Zip Kansas City, MO 64112

Purchaser: N/A

Operator Contact Person: Alan J. Seaton

Phone (816) 531-6904

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Tyler Sanders

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBSD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

4-19-93 4-30-93 4-30-93  
Spud Date Date Reached TD Completion Date

3340 Feet from S/N (circle one) Line of Section

570 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Bear Creek Ranch Well # 29-1

Field Name Wildcat

Producing Formation N/A

Elevation: Ground 1940 KB 1949

Total Depth 4810' PBSD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 224 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 DTA 6-1-97  
(Data must be collected from the Reserve Pit)

Chloride content 45,000 ppm Fluid volume 400 bbls

Dewatering method used Hauled off free water, then evaporate

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name Petroleum Technologies, Inc.

Lease Name Clarke License No. 8653

NW Quarter Sec. 25 Twp. 31 S Rng. 15 W

County Barber Docket No. E 23,395

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 President Date 5/19/93

Subscribed and sworn to before me this 19th day of May, 19 93.

Notary Public Celina M. Sanchez

Date Commission Expires \_\_\_\_\_

**CELINA M. SANCHEZ**  
Notary Public - State of Missouri  
Commissioned in Clay County  
My Commission Expires July 4, 1996

CONSERVATION DIVISION  
KCC 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)

PI

**SIDE TWO**

Operator Name Petroleum Technologies, Inc. Lease Name Bear Creek Ranch Well # 29-1

Sec. 29 Twp. 31 Rge. 15  East County Barber  
 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  Yes  No  
 (Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run: GR-N, DI

DST #1: Cherokee SD 4705-4749, 30-30-30-30, 15' Mud  
 IFP: 53/53 ISIP: 53 IHP: 2134  
 FFP: 53/53 FSIP: 53 FHP: 2123  
 BHT: 120

Name	Formation (Top), Depth and Datums	
	Top	Datum
Onaga	3096	-1147
Stotler	3280	-1331
Topeka	3512	-1563
Heebner	4012	-2063
Brown Lm	4190	-2241
Lansing	4200	-2251
Stark	4531	-2582
BKC	4623	-2674
Chert Cong	4758	-2809
TD	4810	-2861

CASING RECORD <input checked="" 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	14 1/4"	10 3/4"	32.5#	224'	60/40 PozMix	200	2% gel, 3% cc.

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

**TUBING RECORD** Size   Set At   Packer At   Liner Run  Yes  No

Date of First, Resumed Production, SWD, or Inj.   Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)  

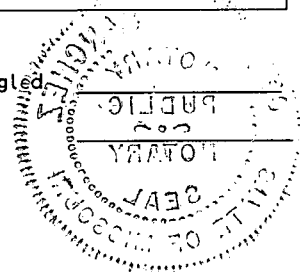
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
<u>ORV</u>					

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

METHOD OF COMPLETION:  Open Hole  Perf.  ESPERANZA  Commingled

Production Interval:  

Other (Specify)  



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

ORIGINAL

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

5754

Home Office P. O. Box 31

Russell, Kansas 67665

NEW

Date	4/20/93	Sec.	29	Twp.	31	Range	15	Called Out	10:15	On Location	12:30	Job Start	4:35	Finish	5:00
Lease	Beat Creek	Well No.	29-1	Location	Lot Sun City Rd 3N 3W			County	Barber	State	KS				
Contractor	Duke Drilling Rig #5														
Type Job	<del>10 3/4</del> 10 3/4 SURFACE CSG														
Hole Size	14 1/4			T.D.	245										
Csg.	10 3/4 32.75'			Depth	234										
Tbg. Size	Depth														
Drill Pipe	Depth														
Tool	Depth														
Cement Left in Csg.	18'			Shoe Joint	18'										
Press Max.	300			Minimum	100										
Meas Line	Displace 22 BBL														
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: Petroleum Technologies INC.  
 Street: 500 Nichols Road #407  
 City: KANSAS CITY State: Mo. 64112  
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. \_\_\_\_\_  
 X [Signature]

**CEMENT**

Amount Ordered: 200 sks 60' 40:29 gal 370 CaCl<sup>2</sup>

Consisting of			
Common	120	5.75	690.00
Poz. Mix	80	3.00	240.00
Gel.	4	7.00	28.00
Chloride	6	25.00	150.00
Quickset			

Handling	200	1.00	200.00
Mileage	22		176.00

Sales Tax \_\_\_\_\_  
 Sub Total \_\_\_\_\_

Floating Equipment \_\_\_\_\_  
 Total \$ 2093.50

Disc - 418.70  
 Total \$ 1674.80

**EQUIPMENT**

Pumptrk	No. 265	Cementer	Max Bell
		Helper	Carl Baldwin
Pumptrk	No. 242	Cementer	
		Helper	
Bulktrk		Driver	Mark Brondart
Bulktrk		Driver	

**DEPTH of Job**

Reference:	236FT Pump Charge	430.00
	27 Mileage	49.50
	1 10 3/4 Topwood Plug	130.00
	<b>Total</b>	<b>609.50</b>

Remarks: Cmt 10 3/4 SURFACE CSG with 200 sks  
60' 40:29 gal 370 CaCl<sup>2</sup> Drop Plug Displace  
22 BBL close head in cement did circulate

RECEIVED  
 STATE CORPORATION COMMISSION  
 MAY 21 1993  
 CONSERVATION DIVISION  
 Wichita, Kansas



EFFECTIVE DATE: 4-21-93

State of Kansas 15-007-22.415-00-00

DISTRICT # 1  
SCA? Yes No

NOTICE OF INTENTION TO DRILL

Must be approved by the K.C.C. five (5) days prior to commencing well

Spot 90'E & 40'N of East  
C. SE NE Sec 29 Twp 31 S, Rg 15 X West

Expected Spud Date April 17 1993  
month day year

3340 feet from South North line of Section  
570 feet from East West line of Section

OPERATOR: License # 8653  
Name: Petroleum Technologies, Inc.  
Address: 500 Nichols Road, Suite 407  
City/State/Zip: Kansas City, MO 64112  
Contact Person: Alan J. Seaton  
Phone: (816) 531-6904

IS SECTION X REGULAR IRREGULAR?  
(NOTE: Locate well on the Section Plat on Reverse Side)  
County: Barber  
Lease Name: Bear Creek Ranch Well #: 29-1  
Field Name: Wildcat

CONTRACTOR: License #: 5929  
Name: Duke Drilling Inc.

Is this a Prorated/Spaced Field? yes X no  
Target Formation(s): Mississippi

Well Drilled For: Well Class: Type Equipment:  
... Oil ... Enh Rec ... Infield X Mud Rotary  
... Gas ... Storage ... Pool Ext. ... Air Rotary  
... OAWO ... Disposal X Wildcat ... Cable  
... Seismic; ... # of Holes ... Other

Nearest lease or unit boundary: 570  
Ground Surface Elevation: 1940 feet MSL

If OAWO: old well information as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date: \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Water well within one-quarter mile: yes X no  
Public water supply well within one mile: yes X no

Directional, Deviated or Horizontal wellbore? yes X no  
If yes, true vertical depth: \_\_\_\_\_  
Bottom Hole Location: \_\_\_\_\_

Depth to bottom of fresh water: 60  
Depth to bottom of usable water: 180

Surface Pipe by Alternate: X 1 2  
Length of Surface Pipe Planned to be set: 200

Length of Conductor pipe required: 0  
Projected Total Depth: 6610

Formation at Total Depth: Mississippi  
Water Source for Drilling Operations:  
well X farm pond other

DUR Permit #: N/A  
Will Cores Be Taken? yes X no  
If yes, proposed zone: \_\_\_\_\_

200' Alt. I Req.

AFFIDAVIT

Exp. 10/16/93

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101.

Pusher be INIT. cm

SPUD DATE 4-17-93 LENGTH SURFACE PLANNED 200' 10"

RESERVE PIT STATUS- REMOVE FLUID LINED  
after salt sect. bbbls. when done bbbls.

RATHOLED AHEAD? Y N SIZE HOLE CONDUCTOR  
SURFACE PIPE 1 3/4 @ 224 ELEVATION  
ANHYDRITE T- B-750

TD 4810 FORMATION \_\_\_\_\_

RAN PIPE @ SX DV TOOL SX ALT II DONE Y N

Arbuckle Plug @ \_\_\_\_\_ Ft. W/ SX

Hug./Council @ \_\_\_\_\_ Ft. W/ SX

Anhydrite Base @ 710 Ft. W/ 50SX

1/2 Base Anyh. @ \_\_\_\_\_ Ft. W/ SX

1/2, 1/2 Plug @ \_\_\_\_\_ Ft. W/ SX

Bottom Surface @ 298 Ft. W/ 75SX

40' Plug @ 40 Ft. W/ 15SX

RAT HOLE CIRC/W 15 SX MOUSE HOLE W/ 10 SX

WATER WELL \_\_\_\_\_ SX (Irr. Well \_\_\_\_\_ Pond \_\_\_\_\_)  
Hauling \_\_\_\_\_

TECHNICIAN SM DATE 4-29-93

TYPE OF CEMENT 60/40 67

STARTING TIME 3:00 (AM/PM) DATE 4-30-93

COMPLETION TIME 6:30 (AM/PM) DATE 4-30-93

CEMENT COMPANY Callied