

COPY

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

Operator: License # 31217Name: Chaco Energy CompanyAddress P. O. Box 1587
Denver, CO 80201

City/State/Zip _____

Purchaser: KNOperator Contact Person: Kurt NelsonPhone (____) 303 744-1480

Contractor: Name: _____

License: _____

Wellsite Geologist: _____

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: Chaco Energy Co.Well Name: Joe Zdanovich #1Comp. Date 1962 Old Total Depth 4815'

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back 3000' PSTD
Commingled Docket No. _____
Dual Completion Docket No. _____
Other (SWD or Inj?) Docket No. _____

Spud Date 5-24-99 Date Reached TD 5-24-99 Completion Date 5-24-99API NO. 15- 129 10433 0001County Morton_____. SW - NE Sec. 13 Twp. 35 Rge. 42W X1980¹ FNL Feet from S/W (circle one) Line of Section1980¹ FEL Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Joe Zdanovich Well # 1Field Name GreenwoodProducing Formation TopekaElevation: Ground 3557' KB 3567'Total Depth 4815' PSTD 3000'Amount of Surface Pipe Set and Cemented at 1485' FeetMultiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ ex cmt.

Drilling Fluid Management Plan OWWO, 6-25-99
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dehydrating method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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 Kurt T. NelsonTitle Kurt T. Nelson, President Date 6/1/99

RECEIVED

Subscribed and sworn to before me this 19 day of JUNE, 1999Notary Public Kurt T. NelsonDate Commission Expires 08/22/2001

My Commission Expires 08/22/2001
100 SW 23rd Street DIVISION
Denver, CO 80201
WICHITA, Kansas

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 C Wireline Log Received
 C Geologist Report Received

KCC Distribution
 KGS SWD/Rep
 Plug Other
 Other
(Specify)

Operator Name Chaco Energy Company East WestCounty Morton

Sec. 13 Twp. 35 Rge. 42W

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests of 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.) Yes No Log Formation (Top), Depth and Datums Sample

Samples Sent to Geological Survey

 Yes No

Name Top Datum

Cores Taken

 Yes NoElectric Log Run
(Submit Copy.) Yes No

List All E.Logs Run:

CASING RECORD							
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

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate	Top			
Protect Casing	Bottom			
Plug Back TD				
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
	Set CIBP at 3000', dump 5 gals sand, pressure to 300 psi, held		
	Ok, Witnesses by Mr. Gary Winters of KCC. Operation was		
	conducted to TA well in compliance with order granting replacement		
	well.		

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.		Producing Method		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	

Estimated Production Per 24 Hours	OIL	Bbls.	Gas	McF	Water	Bbls.	Gas-Oil Ratio	Gravity

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