

CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

4/10/08
Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 31217
Name: Chaco Energy Co.
Address: P.O. Box 1587
City/State/Zip: Denver, CO 80201
Purchaser: NA
Operator Contact Person: Alan Nelson
Phone: (405) 942-3751
Contractor: Name: H2 Drilling LLC
License: 33793
Wellsite Geologist: Austin Garner

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: NA
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. _____

3-7-07	3-16-07	3-17-07 D&A
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

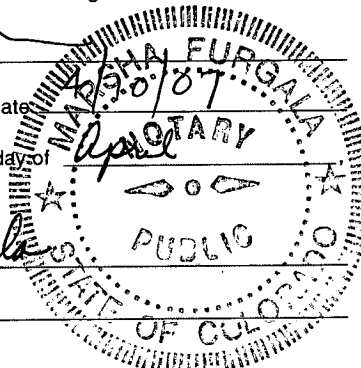
API No. 15 - 055-21926-0000
County: Finney
SW NW NW Sec. 29 Twp. 22 S. R. 30 ☐ East ☒ West
740 FNL (ref to NW corner) feet from S / N (circle one) Line of Section
330 FWL (ref to NW corner) feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Estes Well #: 1
Field Name: Wildcat
Producing Formation: NA
Elevation: Ground: 2858 Kelly Bushing: 2868
Total Depth: 4910 Plug Back Total Depth: NA
Amount of Surface Pipe Set and Cemented at 340 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set NA Feet
If Alternate II completion, cement circulated from NA
feet depth to NA w/ _____ sx cmt.

Drilling Fluid Management Plan PA ATT II MT 6-11-08
(Data must be collected from the Reserve Pit)
Chloride content 5000 (e.) ppm Fluid volume 5600 (e.) bbls
Dewatering method used NA
Location of fluid disposal if hauled offsite:
Operator Name: NA
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: 4/10/08
Subscribed and sworn to before me this 10 day of April
2007
Notary Public: [Signature]
Date Commission Expires: 11-8-09



KCC Office Use ONLY

☐ Letter of Confidentiality Received
If Denied, Yes ☐ Date: RECEIVED
☐ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution
APR 12 2007
KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Chaco Energy Co. Lease Name: Estes Well #: 1
 Sec. 29 Twp. 22 S. R. 30 ☐ East ☒ West County: Finney

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 ☒ 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:

DIL, Comp. Neutron-Density/PE, Sonic

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

See attached sheet for confidential tops

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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	12.25	8.625	23	340	Common	260	3% CC, 2% gel, 5# floccle

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	NA			

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
	NA		

TUBING RECORD	Size	Set At	Packer At	Liner Run ☐ Yes ☒ No
NA				
Date of First, Resumed Production, SWD or Enhr.	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)			
NA				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	Dry hole			

Disposition of Gas METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, Submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

KANSAS CORPORATION COMMISSION

APR 12 2007

CONSERVATION DIVISION
 WICHITA, KS

CONFIDENTIALFORMATION TOPS

Operator: Chaco Energy Co.

Well Name: Estes #1

Location: 740' FNL, 330' FWL

Section 29-T22s-R30W

Secretariat Prospect

Finney County, Kansas.

Contractor: H-2 Drilling Co. Rig # 1

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APR 10 2007

CONFIDENTIALElevations: G.R. 2858' K.B. 2868

Formation	E-Log Tops :		Comparison well	Comparison
	Estes #1		Tarpley "A" #1-32 NE SW NW Sec. 32	
Anhydrite	2024' +844		2004 +855	-11
B/ Anhy	2082' +786		2062 +793	-6
Chase	2668' +200		2652 +207	-7
Krider	2696' +172		2680 +179	-7
Winfield	2754' +114		2740 +119	-5
Heebner Sh.	3978' -1110		3973 -1114	+4
Lansing	4026' -1158		4021 -1162	+4
Stark Sh.	4342' -1474		4335 -1476	+2
B/KC	4474' -1606		4462 -1603	-3
Marmaton	4496' -1628		4492 -1633	+4
Pawnee	4576' -1708		4567 -1708	Flat
Ft. Scott	4597' -1729		4587 -1728	-1
Cherokee	4608' -1740		4600 -1741	+1
Miss Uncon.	4726' -1858		4725 -1866	+8
ST. Louis "C"	4814' -1946		4809 -1950	+4
LTD. T.D.	4910' -2042			

+ LOGS
+ DST'S

RECEIVED
KANSAS CORPORATION COMMISSION

APR 12 2007

RESERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC. 25284

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

SERVICE POINT: Oakley

DATE <u>3-17-07</u>	SEC. <u>29</u>	TWP. <u>22S</u>	RANGE <u>30W</u>	CALLED OUT	ON LOCATION <u>2:05 AM</u>	JOB START <u>5:00 AM</u>	JOB FINISH <u>6:30 AM</u>
LEASE <u>Estes</u>	WELL # <u>1</u>	LOCATION <u>Garden City + 156</u>			COUNTY <u>Finney</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>NE to Little Mission Rd 3N-E5</u>				

CONTRACTOR <u>H2 Drills</u>	OWNER <u>Same</u>
TYPE OF JOB <u>PTA</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4910'</u>
CASING SIZE	DEPTH
TUBING SIZE <u>4 1/2 XH</u>	DEPTH <u>2100'</u>
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Walt</u>
# <u>422</u>	HELPER <u>Alvin</u>
BULK TRUCK	
# <u>394</u>	DRIVER <u>Rex</u>
BULK TRUCK	
#	DRIVER

REMARKS:

<u>50 SKs @ 2100'</u>
<u>80 SKs @ 1260'</u>
<u>50 SKs @ 660'</u>
<u>50 SKs @ 360'</u>
<u>20 SKs @ 60'</u>
<u>15 SKs in R.H.</u>
<u>10 SKs in m.H. Thank You</u>

CHARGE TO: Chaco Energy Co.

STREET _____

CITY _____ STATE _____ ZIP _____

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE

Gary Fisher

CEMENT	
AMOUNT ORDERED	<u>275 SKs 60/40 pur</u>
	<u>69 Cel, 14 # Flo-Seal</u>

COMMON	<u>165 SKs @ 12.20</u>	<u>2,013.00</u>
POZMIX	<u>110 SKs @ 6.10</u>	<u>671.00</u>
GEL	<u>14 SKs @ 16.65</u>	<u>233.10</u>
CHLORIDE	@	
ASC	@	
<u>Flo-Seal 69 #</u>	<u>@ 2.00</u>	<u>138.00</u>

HANDLING	<u>291 SKs @ 1.90</u>	<u>552.90</u>
MILEAGE	<u>94 per SK/mile</u>	<u>1,833.30</u>
TOTAL		<u>5,441.30</u>

SERVICE

DEPTH OF JOB	<u>2100'</u>
PUMP TRUCK CHARGE	<u>955.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>70 miles @ 6.00</u>
MANIFOLD	@

TOTAL 4,375.00

PLUG & FLOAT EQUIPMENT

@	
@	
@	
@	
@	

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APR 12 2007

TOTAL CONSERVATION DIVISION
WICHITA, KS

TAX	
TOTAL CHARGE	
DISCOUNT	IF PAID IN 30 DAYS

Gary Fisher
PRINTED NAME

ALLIED CEMENTING CO., INC.

25838

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

SERVICE POINT:

On Key KS

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APR 10 2007
CONFIDENTIAL

DATE <u>3-7-07</u>	SEC. <u>29</u>	TWP. <u>22</u>	RANGE <u>30</u>	CALLED OUT	ON LOCATION <u>8:30 pm</u>	JOB START <u>11:00 pm</u>	JOB FINISH <u>11:30 pm</u>
LEASE <u>Gates</u>	WELL # <u>#1</u>	LOCATION <u>Garden City + 156 E</u>			COUNTY <u>Lawrence</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				to Little Menomonee Rd - 3w - c.w			

CONTRACTOR Hg Dicks
TYPE OF JOB Surfacer
HOLE SIZE 12" 4 T.D. 332'
CASING SIZE 8 5/8 23" DEPTH 330'
TUBING SIZE _____ DEPTH _____
DRILL PIPE _____ DEPTH _____
TOOL _____ DEPTH _____
PRES. MAX _____ MINIMUM _____
MEAS. LINE _____ SHOE JOINT _____
CEMENT LEFT IN CSG. 15'
PERFS. _____
DISPLACEMENT 20 BALS

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy
102 HELPER Tarrod
BULK TRUCK
218 DRIVER Mike
BULK TRUCK
_____ DRIVER _____

REMARKS:

cement did circulate
approx 6 BALS
Plug down @ 11:15 pm
Thanks Fuzzy & crew
56 slurry BALS

CHARGE TO: CHARO Energy Co.
STREET _____
CITY _____ STATE _____ ZIP _____

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE [Signature]

OWNER Same

CEMENT
AMOUNT ORDERED 260 (om 390cc
290cc 112 # 816 seal

COMMON	<u>260</u>	@ <u>12.20</u>	<u>3172.00</u>
POZMIX		@	
GEL	<u>5</u>	@ <u>16.45</u>	<u>83.25</u>
CHLORIDE	<u>9</u>	@ <u>46.60</u>	<u>419.40</u>
ASC		@	
<u>flor seal</u>	<u>130 #</u>	@ <u>2.00</u>	<u>260.00</u>
		@	
		@	
		@	
		@	
HANDLING	<u>279</u>	@ <u>1.00</u>	<u>530.10</u>
MILEAGE	<u>109 x 5 km</u>		<u>1757.10</u>
TOTAL			<u>6222.45</u>

SERVICE

DEPTH OF JOB 330'
PUMP TRUCK CHARGE 815.00
EXTRA FOOTAGE 30 @ .65 19.50
MILEAGE 70 @ 6.00 420.00
MANIFOLD _____ @ _____
_____ @ _____
_____ @ _____

TOTAL 1254.50

PLUG & FLOAT EQUIPMENT

1-8 5/8 plug @ 60.00
_____ @ _____
_____ @ _____
RECEIVED
KANSAS CORPORATION COMMISSION
_____ @ _____

APR 12 2007

TOTAL 60.00

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____

Chaco Energy Company

P.O. Box 1587
Denver, CO 80201-1587
303-744-1480
Fax: 303-744-1428

4/10/08

April 10, 2007

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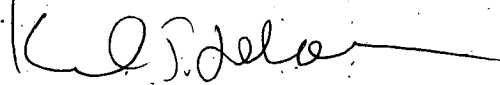
Kansas Corporation Commission
Oil and Gas Conservation Division
130 South Market, Room 2078
Wichita, KS 67202

Re: Estes #1
NW/4 Section 29-22S-30W
Finney County, Kansas

Dear Sir or Madam:

Enclosed are the following for the above well: ACO-1; CP-4, cementing tickets, formation tops, drill stem test reports, open hole and geologist's log. We request that the tops, drill stem test reports and logs be held confidential for 12 months in accordance with the rules of the KCC.

Sincerely,



Kurt T. Nelson

Enclosures

RECEIVED
KANSAS CORPORATION COMMISSION

APR 12 2007

CONSERVATION DIVISION
WICHITA, KS