

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

*Corrected*

Operator: License # 33365  
Name: Layne Energy Operating, LLC for Colt Energy  
Address: 1900 Shawnee Mission Parkway  
City/State/Zip: Mission Woods, KS 66205  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Victor H. Dyal  
Phone: (913) 748-3960  
Contractor: Name: MOKAT Drilling  
License: 5831  
Wellsite Geologist: \_\_\_\_\_

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/Re-entry: Old Well Info as follows:

Operator: Colt Energy  
Well Name: Keck 2  
Original Comp. Date: 1/18/2000 Original Total Depth: 1047'  
\_\_\_\_ 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. \_\_\_\_\_

1/25/2001	1/25/2001
Spud Date or Recompletion Date	Date Reached TD Completion Date or Recompletion Date

API No. 15 - 125-29951-00-02  
County: Montgomery  
NE SW SW NE Sec. 14 Twp. 32 S. R. 16 ☒ East ☐ West  
3250 feet from S N (circle one) Line of Section  
2240 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW  
Lease Name: Keck Well #: 2

Field Name: Brewster

Producing Formation: Bartlesville

Elevation: Ground: 858' Kelly Bushing: \_\_\_\_\_

Total Depth: 1047' Plug Back Total Depth:       

Amount of Surface Pipe Set and Cemented at 21 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1040

feet depth to Surface w/ 110 sx cm.

*wo - Dlg - 4/13/10*

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 80 bbls

Dewatering method used Pump out / push in

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

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

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: Victor H. Dyal

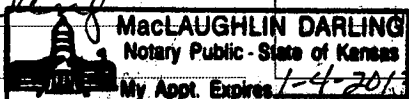
Title: Manager of Engineering Date: 4/12/2010

Subscribed and sworn to before me this 12 day of April

20 10

Notary Public: MacLaughlin Darling

Date Commission Expires: 1-4-2013



**KCC Office Use ONLY**

N Letter of Confidentiality Attached

If Denied, Yes ☐ Date: \_\_\_\_\_

Wireline Log Received ☒ **RECEIVED**

Geologist Report Received ☒ **KANSAS CORPORATION COMMISSION**

C Distribution **APR 13 2010**

**CONSERVATION DIVISION  
WICHITA, KS**

Operator Name: Layne Energy Operating, LLC for Colt Energy Lease Name: Keck Well #: 2  
 Sec. 14 Twp. 32 S. R. 16 ☒ East ☐ West County: Montgomery

**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:

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

Name Top Datum

See Original Driller's Log

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	# Sacjs Used	Type and Percent Additives
Surface	8-5/8"	6-3/4"	30	21'	Portland A	8	
Production	6-3/4"	4-1/2"		1040'	50/50 Posmix	110	

#### 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				

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
	See Attached Page		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr.	Producing Method
Unknown	<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0				

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

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CONSERVATION DIVISION  
WICHITA, KS

<b>Operator Name:</b>	Layne Energy Operating, LLC. For Colt Energy		
<b>Lease Name:</b>	Keck 2		
	Sec. 14 Twp. 32S Rng. 16E, Montgomery County		
<b>API:</b>	15-125-29951-00-02		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
<b>Initial Perforations (1999)</b>			
4	Upper Bartlesville 850' - 857'	5 sxs 20/40 sand & 25 sxs 12/20 sand 206 bbls water & 20 lbs gel	850' - 857'
<b>1st Recompletion Perforations (2000)</b>			
4	Weir 838' - 843'	55 sxs 20/40 sand 450 bbls water 180 gals 15% HCl acid	838' - 843'
<b>2nd Recompletion Perforations (2001)</b>			
4	Mulky 665' - 675'	95 sxs 20/40 sand & 12 sxs 12/20 sand 510 bbls water	665' - 675'

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CONSERVATION DIVISION  
WICHITA, KS

Specialist  
Oil and Gas Wells

**MOKAT DRILLING**  
Office Phone: (316) 879-5377

Caney, KS 67333

Operator <b>COLT ENERGY INC.</b>		Well No. <b>#2</b>	Lease <b>KECK</b>	Loc. <b>SW SW NE</b>	Sec. <b>14</b>	Twp. <b>32</b>	Rge. <b>16E</b>
County <b>MONTGOMERY</b>		State <b>KS</b>	Type/Well	Depth <b>1047'</b>	Hours	Date Started <b>7-24-99</b>	Date Completed <b>7-26-99</b>
Job No.	Casing Used <b>21' 8 5/8"</b>	Bit Record			Coring Record		
		Bit No.	Type	Size	From	To	% Rec.
Driller <b>Tootie</b>	Cement Used			<b>6 3/4"</b>			
Driller	Rig No.						
Driller	Hammer No.						

**Formation Record**

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	1	overburden	330	340	limey shale	694	700	shale	1042	1045	shale
1	16	sand	340	350	shale lime	700	703	coal	1045	1046	coal
16	22	sandy shale	350	362	shale	703	722	gr shale	1046	1047	shale
22	28	lime	362	372	lime	722	725	blk shale	1047		watered out
28	36	sand	372	376	shale	725	760	gr shale			
36	94	sandy shale	376	381	lime	760	762	coal			
94	124	shale	381	384	shale	762	821	shale			T.D. 1047'
124	136	lime	384	404	sandy shale	821	831	sand			
136	139	blk shale	404	406	blk shale	831	838	sandy shale			
139	142	sandy lime	406	516	sandy shale	838	844	coal			
142	155	sand	516	535	lime	844	853	shale			
155	175	sandy shale	535	542	shale	853	857	sand			
175	190	shale	542	547	sandy shale	853		gas test 171lbs. 1"			
190	209	lime	547	555	sand	857	867	shale			
209	230	shale	555	560	sandy shale	867	869	sand			
230	252	lime	560	608	shale	869	900	sandy shale			
252	269	blk shale	608	639	lime (oswego)	900		water			
269	280	gr shale	639	648	blk shale	900	975	sand			
280	290	shale	648	654	lime	975	985	shale			
290	293	sandy shale	654	655	shale	985	989	sand			
293	295	lime	655	668	lime	985	989	water			
295	304	shale	668	674	blk shale	989	992	shale			
304	306	lime	674	676	coal	992	1005	sand			
306	318	shale	676	684	lime	1005	1015	shale			
318	320	coal	680		gas test (no gas)	1015	1027	sand			
320	322	shale	684	692	shale	1027	1038	shale			
322	330	lime	692	694	blk shale	1038	1042	sand			

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CONSERVATION DIVISION  
WICHITA, KS

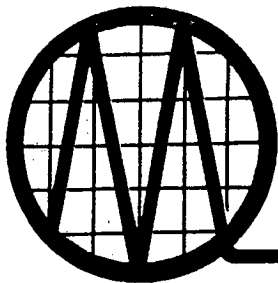
1 316 879 5377 PAGE.002  
\*\* TOTAL PAGE.001 \*\*

JUL 28 '99 13:18

JUL 28 1999 02:45PM P2

PHONE NO. : 1 316 879 5377

FROM : MOKAT DRILLING



## MIDWEST SURVEYS

**LOGGING • PERFORATING • M.I.T. SERVICES**

**P. O. Box 68  
Osawatomie, KS 66064  
913 / 755-2128**

13921

Date 1/25/01

**TERMS AND CONDITIONS:** Midwest Surveys is hereby instructed to deliver the equipment or perform the services ordered hereon or as verbally directed, under the terms and conditions printed on the reverse side of this order, which I have read and understand and which I accept as Customer or as Customer's Authorized Agent.

Service and/or Equipment Ordered ..... *Perforator* .....

## SIGN BEFORE COMMENCEMENT OF WORK

Customer's Name Colt Energy Inc By \_\_\_\_\_  
Customer's Authorized Representative

Charge to..... Colt Energy Inc ..... Customer's Order No. 6 Vincent

**Mailing Address.....**

Well or Job Name  
and Number KECK NO-2 County Montgomery State Kansas

QUANTITY	DESCRIPTION OF SERVICE OR MATERIAL	PRICE
41 cu	3 <sup>3</sup> / <sub>8</sub> DP Expendable Casing Gun 90° Phos- Four (4) Perforations Per Foot Minimum Charge - Ten (10) Perforations, Thirty One (31) Additional Perforations, @ 20.00 ea. Portable Mast Charge	\$ 725.00 \$ 620.00 \$ 10.00
	#15-125-29951-00-02	
	Perforated at 665-0 To 675-0	
	RECEIVED KANSAS CORPORATION COMMISSION	
	APR 13 2010	

**CONSERVATION DIVISION  
WICHITA, KS**

Total.....<sup>\$</sup>1355.00

The above described service and/or material has been received and are hereby accepted and approved for payment.

Customer's Name Colt Energy Inc Date 1/25/10  
By \_\_\_\_\_ Customer's Authorized Representative

Serviced by:

S. Windisch

By

Customer's Authorized Representative

Date 1/25/0