

ORIGINAL

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

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 SIOW 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. _____

11/6/2000 11/6/2000
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-29951-00-01
County: Montgomery
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 wo - Dig 4/13/10 ^{sq cmt.}

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: [Signature]
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**
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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Original Driller's Log
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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	# Sacs 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
<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
	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. Unknown	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0				

Disposition of Gas <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	Production Interval
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RECEIVED
KANSAS CORPORATION COMMISSION
APR 13 2010
CONSERVATION DIVISION
WICHITA, KS

Operator Name:	Layne Energy Operating, LLC. For Colt Energy		
Lease Name:	Keck 2		
	Sec. 14 Twp. 32S Rng. 16E, Montgomery County		
API:	15-125-29951-00-01		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (1999)			
4	Upper Bartlesville 850' - 857'	5 sxs 20/40 sand & 25 sxs 12/20 sand 206 bbls water & 20 lbs gel	850' - 857'
1st Recompletion Perforations (2000)			
4	Weir 838' - 843'	55 sxs 20/40 sand 450 bbls water 180 gals 15% HCl acid	838' - 843'

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CONSERVATION DIVISION
WICHITA, KS

Specialist
Oil and Gas Wells

MUKAT DRILLING
Office Phone: (316) 879-5977

Caney, KS 67333

Operator COLT ENERGY INC.	Well No. #2	Lease KECK	Loc. SW SW NE	X 14	X 32	X 16E	Sec.	Twp.	Rge.			
County MONTGOMERY		State KS	Type/Well	Depth 1047'	Hours	Date Started 7-24-99	Date Completed 7-26-99					
Job No.	Casing Used 21' 8 5/8"	Bit Record				Coring Record						
Driller Tootie	Cement Used	Bit No.	Type	Size	From	To	Bit No.	Type	Size	From	To	% Rec.
Driller	Rig No.			6 3/4"								
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	857	867	gas test 17lbs. 1"			
190	209	lime	547	555	sand	867	869	shale			
209	230	shale	555	560	sandy shale	869	900	sand			
230	252	lime	560	608	shale	900	900	sandy shale			
252	269	blk shale	608	639	lime (oswego)	900	925	water			
269	280	gr shale	639	648	blk shale	925	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	989	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	684	684	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

Jul. 28 1999 02:46PM P2

PHONE NO. : 1 316 879 5751

FROM : MUKAT DRILLING

1 316 879 5751 PAGE.002
TOTAL PAGE.001

JUL 28 '99 13:18



MIDWEST SURVEYS
LOGGING • PERFORATING • CONSULTING SERVICES

P. O. Box 328
Paola, Kansas 66071
913/755-2128

PERFORATION RECORD

COMPANY: COLT ENERGY, INC.

API # 15-125-29,951

WELL NAME/NO. 2

LEASE/FIELD KECK

COUNTY/STATE MONTGOMERY, KANSAS

SERVICE ORDER NO. 13775

DATE 11-6-2000

PERFORATED @ 838.0 to 843.0

15-125-29951-00-01

TYPE OF JET, GUN
OR CHARGE 3 3/8" D.P. Expendable Casing Gun

NUMBER OF JETS,
GUNS OR CHARGES Twenty One (21)

CASING SIZE 4 1/2"

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