

KCC
SEP 02 2005

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM **CONFIDENTIAL**

WELL HISTORY - DESCRIPTION OF WELL & LEASE

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ORIGINAL

Operator: License # 33365
 Name: Layne Energy Operating, LLC
 Address: 1900 Shawnee Mission Parkway
 City/State/Zip: Mission Woods, KS 66205
 Purchaser: _____
 Operator Contact Person: M. B. Nattrass
 Phone: (913) 748-3987
 Contractor: Name: McPherson Drilling
 License: 5675
 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: _____
 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. _____

<u>5/12/2005</u>	<u>5/16/2005</u>	<u>6/7/2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 125-30753 - 00 - 00
 County: Montgomery
 E/2 SE SE NW Sec. 20 Twp. 32 S. R. 16 East West
2262 feet from S N (circle one) Line of Section
2573 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Casey Well #: 6-20
 Field Name: Brewster
 Producing Formation: Cherokee Coals
 Elevation: Ground: 757 Kelly Bushing: _____
 Total Depth: 1153 Plug Back Total Depth: 1141
 Amount of Surface Pipe Set and Cemented at 20' Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1149
 feet depth to Surface w/ 135 sx cmt.

Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit) ALT WITH
8-27-05
 Chloride content n/a ppm Fluid volume _____ bbls
 Dewatering method used n/a air drilled
 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: MB Nattrass
 Title: Agent Date: 9/7/05
 Subscribed and sworn to before me this 7th day of September
 2005
 Notary Public: [Signature]
 Date Commission Expires: 10/14/2008

KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 ___ Wireline Log Received
 ___ Geologist Report Received
 ___ UIC Distribution


MARGARET ALLEN
 Notary Public - State of Kansas
 My Appt. Expires _____

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Side Two

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ORIGINAL

Operator Name: Layne Energy Operating, LLC Lease Name: Casey Well #: 6-20
Sec. 20 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	✓ Log	Formation (Top), Depth and Datum	Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	Yes <input checked="" type="checkbox"/> No	Pawnee Lime	492	265
Electric Log Run <i>(Submit Copy)</i>	✓ Yes No	Excello Shale	652	105
List All E. Logs Run:		V Shale	701	56
Compensated Density Neutron		Mineral Coal	740	17
Dual Induction		Mississippian	1062	-305

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	11"	8.625"	23	20'	Class A	4	Type 1 Cement
Casing	6 3/4"	4.5"	10.5	1149'	Thick Set	135	

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	RECEIVED KANSAS CORPORATION COMMISSION SEP 08 2005 CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes	✓ No
	2 3/8"	1079'				
Date of First, Resumed Production, SWD or Enhr.	Producing Method			Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
6/30/2005	Oil	Bbbs.	Gas	Mcf	Water	Bbbs.
Estimated Production Per 24 Hours	0		1.5		10	
					Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease Other (Specify) _____

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled _____

Production Interval _____



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GEOLOGIC REPORT

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SFP 02 2005

LAYNE ENERGY

Casey 6-20

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SE 1/4, NW 1/4, 2,262' FNL, 2,573' FWL

Section 20-T32S-R16E

MONTGOMERY COUNTY, KANSAS

Drilled: May 12-16, 2005

Logged: May 16, 2005

A.P.I.# 15-125-30753

Ground Elevation: 757'

Depth Driller: 1,153'

Depth Logger: 1,155'

Surface Casing: 8 5/8" @ 20'

Production Casing: 4 1/2" @ 1,149'

Cemented Job: Consolidated

Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

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FORMATION.....TOPS (in feet below ground surface)

Quaternary Alluvium.....	Surface
Lenapah Lime.....	287
Altamont Lime.....	331
Weiser Sand.....	362
Pawnee Lime.....	492
Anna Shale.....	519
Peru Sandstone.....	535
First Oswego Lime.....	587
Little Osage Shale.....	624
Excello Shale.....	652
Mulky Coal.....	656
Iron Post Coal.....	675
"V" Shale.....	701
Croweburg Coal.....	704
Mineral Coal.....	740
Weir Pitt Coal.....	818
Rowe Coal.....	976
Riverton Coal.....	1,055
Mississippian.....	1,062

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ORIGINAL

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Casey 6-20		
	Sec. 20 Twp. 32S Rng. 16E, Montgomery County		
API:	15-125-30753		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1055-1058, 975.5-977, 739.5-741	Riverton, Rowe, Mineral - 1,520gal 15% HCL + 520 bbls water + 1,200# 20/40 Sand	739.5-1058
4	702-704, 674.5-676, 652-656.5, 624-627	Croweberg, Ironpost, Mulkey, Summit - 1,925 gal 15% HCL + 476 bbls water + 5,100# 20/40 Sand	624-704

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MORNING COMPLETION REPORT

Report Called In by: John Ed

Report taken by: KR D

LEASE NAME & #	APES	DATE	DAYS	CIBP DEPTH	PBYD TYPE FLUID
CASEY #5-20		5/12/2005	1	CIBP TYPE	
PRESENT OPERATION:					WT
DRILL OUT FROM UNDER SURFACE					VIS
DEEPEST CASING OD SHOES DEPTH	LINERS OD TOP & SHOES DEPTH	REPAIR DOWN TIME HRS		CONTRACTOR MC	RIG NO Mike
	8 5/8" 24# J-66 - Set 20'	TEST PERFS		SQUEEZED OR PLUG BACK PERFS	
PACKER OR ANCHOR	FISHING TOOLS OD ID	TO		TO	
		TO		TO	
		TO		TO	
		TO		TO	
HRS	BRIEF DESCRIPTION OF OPERATION				
	MIRU MCPHERSON DRILLING, DRILLED 11" HOLE, 20' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING,				
	MIXED 4 SXS TYPE 1 CEMENT, DUMPED ON THE BACKSIDE. SDFN.				

DAILY COST ANALYSIS

RIG	
SUPERVISION	200
RENTALS	
SERVICES	400
MISC	2280
DAILY TOTALS	2880

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DETAILS OF RENTALS, SERVICES, & MISC

MCPHERSON DRILLING @ 6.50/ft	
MCPHERSON (CEMENT)	80
DIRTWORKS (LOC, RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

PREVIOUS TCTD _____ TCTD _____ 2880

CONSOLIDATED OIL WELL SERVICES,
 211-W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

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TICKET NUMBER 3941
 LOCATION EUREKA
 FOREMAN KEVIN MCCOY

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TREATMENT REPORT & FIELD TICKET
CEMENT

ORIGINAL

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																				
5-17-05	4755	CASEY C-20				MG																				
CUSTOMER Layne Energy			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>445</td> <td>Rick</td> <td></td> <td></td> </tr> <tr> <td>442</td> <td>Anthony</td> <td></td> <td></td> </tr> <tr> <td>452 763</td> <td>JIM</td> <td></td> <td></td> </tr> <tr> <td>437</td> <td>CALIN</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	445	Rick			442	Anthony			452 763	JIM			437	CALIN		
TRUCK #	DRIVER	TRUCK #					DRIVER																			
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442	Anthony																									
452 763	JIM																									
437	CALIN																									
MAILING ADDRESS P.O. Box 160																										
CITY Sycamore	STATE KS	ZIP CODE																								

JOB TYPE Longstring HOLE SIZE 6^{3/4} HOLE DEPTH 1153' CASING SIZE & WEIGHT 4 1/2 10.5# New
 CASING DEPTH 1149' DRILL PIPE _____ TUBING _____ OTHER P.B.T.D. 1141'
 SLURRY WEIGHT 13.2# SLURRY VOL 42 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 8'
 DISPLACEMENT 18' BBL DISPLACEMENT PSI 500 MAX PSI 1000 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break Circulation w/ 40 Bbl Fresh water. Pump 10 Bbl Metasilicate PreFlush, 10 Bbl Dye water. Mixed 135 sks Thick Set Cement w/ 10# Kol-Seal Per/sk @ 13.2# Per/gal yield 1.75. Wash out Pump & Lines. Shut down. Release Plug. Displace w/ 18' Bbl Fresh water. Final Pumping Pressure 500 psi. Bump Plug to 1000 psi. Wait 2 minutes. Release Pressure. Float Held. Good Cement Returns to Surface = 8 Bbl Slurry. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	765.00	765.00
5406	25	MILEAGE 1 st well of 2	2.50	62.50
1126 A	135 sks	Thick Set Cement	13.00	1755.00
1110 A	27 sks	KOL-SEAL 10# Per/sk	16.90	456.30
1111 A	50#	Metasilicate Pre Flush	1.55#	77.50
5407 A	7.4 Tons	25 miles	.92	170.20
5502 C	3 Hrs	80 BBL VAC TRUCK	82.00	246.00
5501 C	3 Hrs	TRANSPORT	88.00	264.00
5605 A	4 Hrs	Welder	75.00	300.00
4311	1	4 1/2 weld on Collar	48.00	48.00
1123	6700 gals	City water	12.20 Per 1000	82.07
4404	1	4 1/2 Top Rubber Plug	38.00	38.00
		Sub total		4264.50
		Thank You	5.3%	130.79
		ESTIMATED TOTAL		4394.78

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AUTHORIZATION Called By John Ed TITLE 197360 DATE _____