

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

5/28/10

Operator: License # 33365

Name: Layne Energy Operating, LLC

Address: 1900 Shawnee Mission Parkway

City/State/Zip: Mission Woods, KS 66205

Purchaser: _____

Operator Contact Person: Timothy H. Wright

Phone: (913) 748-3960

Contractor: Name: McPherson Drilling

License: 5675

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: _____

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>2/27/2008</u>	<u>2/28/2008</u>	<u>4/1/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-27435-00-00

County: Wilson

W2 - E2 - NW Sec. 36 Twp. 30 S. R. 16 East West

1267 feet from S / (circle one) Line of Section

1666 feet from E / (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Mahaffey Well #: 3-36

Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals

Elevation: Ground: 900' Kelly Bushing: _____

Total Depth: 1119' Plug Back Total Depth: 1105'

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 1105

feet depth to Surface w/ 155 sx cmt.

Drilling Fluid Management Plan AKHAKJ02409
(Data must be collected from the Reserve Pit)

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.

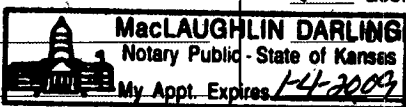
Signature: [Signature]

Title: Agent Date: 5-28-2008

Subscribed and sworn to before me this 28 day of May

20 08
Notary Public: MacLaughlin Darling

Date Commission Expires: 1-4-2009



KCC Office Use ONLY

Letter of Confidentiality Attached

If Denied, Yes Date: _____

Wireline Log Received **RECEIVED**
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Geologist Report Received

MAY 30 2008

CONSERVATION DIVISION
WICHITA, KS

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Mahaffey 3-36		
	Sec. 36 Twp. 30S Rng. 16E, Montgomery County		
API:	15-205-27435-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (February/March 2008)			
4	Open Hole Mississippi 1105' - 1119'		1105' - 1119'
4	Rowe 1041.5' - 1043.5'	1400 lbs 20/40 sand 259 bbls water 500 gals 15% HCl acid	1041.5' - 1043.5'
4	Weir 886.5' - 888'	1800 lbs 20/40 sand 135 bbls water 400 gals 15% HCl acid	886.5' - 888'
4	Croweburg 766.5' - 768' Iron Post 743' - 744.5'	5200 lbs 20/40 sand 352 bbls water 500 gals 15% HCl acid	743' - 768'
4	Mulky 713' - 717.5'	6800 lbs 20/40 sand 358 bbls water 300 gals 15% HCl acid	713' - 717.5'
4	Summit 692.5' - 694'	3100 lbs 20/40 sand 171 bbls water 300 gals 15% HCl acid	692.5' - 694'

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CONSERVATION DIVISION
WICHITA, KS

Daily Well Work Report

MAHAFFEY 3-36

2/27/2008

Well Location:
WILSON KS
30S-16E-36 W2 E2 NW
1267FNL / 1666FWL

Cost Center C01034800300
Lease Number C010348
Property Code KSCV30S16E3603
API Number 15-205-27435

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
2/27/2008	2/28/2008	3/6/2008	4/15/2008	4/15/2008	MAHAFFEY_3_36

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1119	1105	21	1105	0	0

Reported By KRD	Rig Number	Date 2/27/2008
Taken By KRD		Down Time
Present Operation DRILL OUT FROM SURFACE		Contractor MCPHERSON DRILLING

Narrative

MIRU MCPHERSON DRILLING , DRILLED 11" HOLE, 21' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING, MIXED 4 SX TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.
DWC:\$2880

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CONSERVATION DIVISION
WICHITA, KS

CONSOLIDATED OIL WELL SERVICES, *llc*
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER 13577
 LOCATION Eureka
 FOREMAN Troy Strickland

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-28-08	4738	Mahaffey J-36	36	30	16E	Wilson
CUSTOMER			TRUCK #			
Layne Energy			DRIVER			
MAILING ADDRESS			TRUCK #			
P.O. Box 160			DRIVER			
CITY			TRUCK #			
STATE			DRIVER			
ZIP CODE			TRUCK #			
Symmore			DRIVER			
Ks			TRUCK #			
			DRIVER			

Gas Jones #1

JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH 1120' CASING SIZE & WEIGHT 4 1/2" 10.5"
 CASING DEPTH 1105' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.9" SLURRY VOL 37.841 WATER gal/sk 6.1" CEMENT LEFT in CASING 0'
 DISPLACEMENT 17.6 Bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting: Rig up 5 1/2" Casing. Break Circulation w/ 20 Bbl water.
Wash Down 12' of sand to PSTD 1105' Pump back Gel-Flush w/ Hulls. Pump 30 Bbl water.
5 Bbl Dye water. Mixed 155 lbs 50/50 Poz-Mix Cement w/ 2% Gel, 2% Cacl₂, 4" Kol-Seal,
3" Cal-Seal, 1/4" Floccle, 1/2% FL-110, + 1/4% CAF-38 @ 13.9" Yield 1.90.
Release Plug. Displace w/ 17.6 Bbl water. Final Pumping Pressure 600 PSI. Pump
Plug to 1100 PSI wait 2 mins Release Pressure. Float Held. Good Cement to
Surface = 8 Bbl Slur to Pit.

Job Complete

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	875.00	875.00
5406	40	MILEAGE	3.45	138.00
1124	155 sks	50/50 Poz-Mix Cement	9.30	1441.50
118A	260 #	Gel 2%	.16 #	41.60
1102	260 #	Cacl ₂ 2%	.70 #	182.00
110A	620 #	Kol-Seal 4" #/sk	.40 #	248.00
1101	465 #	Cal-Seal 3" #/sk	.35 #	162.75
1107	40 #	Floccle 1/4" #/sk	1.98 #	79.20
1135	85 #	FL-110 1/2%	7.15 #	464.75
1146	35 #	CAF-38 1/4%	7.30 #	255.50
1118A	300 #	Gel-Flush	.16 #	48.00
1105	50 #	Hulls	.37 #	18.50
5407A	6.51 Ton	Top-Mileage	1.14	296.86
4404	1	4 1/2" Top Rubber Plug	42.00	42.00
<i>Thank You!</i>			Sub Total	4293.66
			SALES TAX <i>6.3%</i>	187.98
			ESTIMATED TOTAL	4481.64

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 MAY 30 2008
 CONSERVATION DIVISION
 WICHITA, KS

AUTHORIZATION witnessed by Jacob TITLE C-Rep. DATE _____

320464

GEOLOGIC REPORT

LAYNE ENERGY
Mahaffey 3-36
NE NW, 1267 FNL, 1666 FWL
Section 36-T30S-R16E
Wilson County, KS

Spud Date: 2/27/2008
Drilling Completed: 2/28/2008
Logged: 2/28/2008
A.P.I. #: 15205274350000
Ground Elevation: 900'
Depth Driller: 1119'
Depth Logger: 1120'
Surface Casing: 8.625 inches at 21'
Production Casing: 4.5 inches at 1105'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, Litho Density /
Neutron Logs

Formation	Tops	
	(below ground)	(subsea)
	Surface (Iola	
Kansas City Group	Limestone)	900
Pawnee Limestone	584	317
Excello Shale	711	189
"V" Shale	766	134
Mineral Coal	804	96
Mississippian	1,119	-219

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