CONFIDENTIAL

Kansas Corporation Commission Oil & Gas Conservation Division

ORIGINAL
September 1999
ORIGINAL

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33365	API No. 15 - 133-26043 - 666					
Name: Layne Energy Operating, LLC	County: Neosho					
Address: 1900 Shawnee Mission Parkway	S/2 SE _ SW Sec. 26 Twp. 30 S. R. 17 V East West					
City/State/Zip: Mission Woods, KS 66205	399 feet from (6) / N (circle one) Line of Section					
Purchaser:	2022 feet from E / (circle one) Line of Section					
Operator Contact Person: Melissa Thieme	Footages Calculated from Nearest Outside Section Corner:					
Phone: (913) 748-3971	(circle one) NE SE NW SV					
Contractor: Name: Mokat Drilling	Lease Name: Fogleman Well #: 14-26					
License: 5831 UN 2 2006	Field Name: Coffeyville - Cherryvale					
Wallsite Geologist. Rolland Yoakum	Producing Formation: Cherokee Coals					
Designate Type of Completion:	Elevation: Ground: 898 Kelly Bushing: 898					
New Well Re-Entry Workover	Total Depth: 1114 Plug Back Total Depth: 1104					
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 20 Feet					
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No					
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFee					
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1110'					
Operator:	feet depth to Surface w/ 130 sx cmt.					
Well Name:						
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan ACTIT NHM 2-(2-0) (Data must be collected from the Reserve Pit)					
Deepening Re-perf Conv. to Enhr./SWD	Chloride content n/a ppm Fluid volume bbls					
Plug BackPlug Back Total Depth	Dewatering method used n/a air drilled					
Commingled Docket No.						
Dual Completion Docket No	Location of fluid disposal if hauled offsite: RECEIVED					
Docket No						
Other (SWD or Enhr.?) Docket No	Operator Name: KANSAS CORPORATION COMMISSION					
Other (SWD or Enhr.?) Docket No	Lease Name: Licens#UN 2 4 2004					
Other (SWD or Enhr.?) Docket No	Lease Name: Licensetty 2 4 2004 Ouarter Sec. Twp. S. R. East West County: Docket NGONSERVATION DIVISION					
Other (SWD or Enhr.?)	Lease Name: Licens#UN 2 4 2004					
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ORIGINAL

Side Two

CONFIDENTIAL

Operator Name: Layne Energy Operating, LLC				Leas	e Name:	-ogleman	man Well #: 14-26				
Gec. <u>26 Twp. <mark>30 S. B. 17 </mark> ✓ East </u> West				County: Neosho							
INSTRUCTIONS: She tested, time tool open temperature, fluid reco Electric Wireline Logs	and closed, flowin overy, and flow rate	g and shu s if gas to	rt-in pressures, o surface test, a	whether s long with	hut-in pre	essure reached	static level, hydros	static pressur	es, botton	n hole	
Drill Stem Tests Taken Yes No (Attach Additional Sheets)				VL	✓ Log Formation (Top), Depth and			d Datum Sample			
Samples Sent to Geological Survey				Nam	е		Тор	Ε	Datum		
Cores Taken			∕es ☑ No		Paw	Pawnee Lime		465 GL		33	
Electric Log Run (Submit Copy)				Exce	ello Shale		596 GL		302		
List All E. Logs Run:					Mulk	y Coal		601 GL		297	
Compensated Dual Induction		tron	KC	- Addition		eir - Pitt Coal ississippian		768 GL 1016 GL		130 -118	
Dual induction			PA 2	7000	IVIIO	sissippiaii		1010 GE	_	110	
			ON SASING			w Used	ion, etc.		**************************************		
Purpose of String	Size Hole Drilled	Si	ize Casing et (In O.D.)	We	ight ./Ft.	Setting Depth	Type of Cement	# Sacjs Used		Type and Percent	
Surface	11"	8.65	5. (III 6.5.)	23	,,,,,	20	Class A	4	Additives Type 1 Cemen		
Casing	6 3/4"	4.5		10.5		1110'	Thickset Cement	130			
			A 12 C2 5 C 1 C 2 A 1 A 1	055 455 455	10.40.40.40.40						
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Тур	ADDITIONAL e of Cement		s Used	JEEZE RECORD		ercent Additives	· · · · · · · · · · · · · · · · · · ·		
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type)	Acid. Fracture, Shot, Cement Squeeze Record						
	Specify	Foolage of	Each Interval Per	forated		(Amount and Kind of Material Used) Depth					
			W	**************************************	RECEIVED KANSAS CORPORATION COMMISSION JUN 2 4 2004			MISSION			
						CONSERVATION DIVISION					
THEN O DECORD	0'										
TUBING RECORD	Size	Set At	ı	Packer /	٩t	Liner Run	Yes No				
Date of First, Resumerd Shut-In: Waiting			Producing Meti	hod	Flowing	g Pumpir	g Gas Lift	Othe	er (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	r Bi	ols. Ga	s-Oil Ratio		Gravity	
Disposition of Gas	METHOD OF (COMPLETIO	DN			Production Interval					
Vented Sold	Used on Lease mit ACO-18.)		Open Hole	Perf	c	ualiy Comp.	Commingled				

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GEOLOGIC REPORT

LAYNE ENERGY
Fogleman 14-26
SE ¼, SW ¼, 399' FSL, 2,022' FWL
Section 26-T30S-R17E
NEOSHO COUNTY, KANSAS

Drilled: April 14-16, 2004 Logged: April 16, 2004 A.P.I.# 15-133-26043 Ground Elevation: 898' Depth Driller: 1,114' Depth Logger: 1,113'

Surface Casing: 8 ⁵/₈" @ 20' Production Casing: 4 ½" @ 1,110'

Mississippian.....1016

Cemented Job: Blue Star

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



FORMATION	TOPS (in feet below ground sur	rface)
Kansas City Group		****** ,
Lenapah Lime		
Altamont Lime	326	
Weiser Sand	367	
Pawnee Lime	465	
Anna Shale		
First Oswego Lime	542	Head Down Vary Ross &6 White State
Little Osage Shale	575	RECEIVED KANSAS CORPORATION COMMISSION
Excello Shale		
Mulky Coal		JUN 2 4 2004
Iron Post Coal		CONTROL OF SCIENCE
"V" Shale		CONSERVATION DIVISION WICHITA, KS
Croweburg Coal	658	
Mineral Coal		
Scammon Coal		
Weir Pitt Coal		
Bluejacket Coal		
Rowe Coal		
Neutral Coal		
Riverton Coal	994	



	Melissa T. [CISP [PBTD]							
DEPTH	TYPE FLUID							
TYPE								
	WT							
CONTRACTOR MA	VIS pkat							
RIG NO	1							
SQUEEZ	ed or plug back perfs							
	70							
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Γ 8 5/8" SURFACE CASIN	IG,							
N	dr. adda							
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560 N to a d	-RECEIVED-							
	S CORPORATION COMM							
	HIN 2 & 200k							
	JUN 2 4 2004							
Cr.	MOPRIME							
	O <mark>nservation division</mark> Wichita, ks							
	MOTHIN, NO							
DETAILS OF RENTALS, SI	ERVICES, & MISC							
CAT DRILLING @ 8.50/ft								
CAT (CEMENT)	40							
TWORKS (LOC,RD, PIT)	400							
FACE CASING	200							
D/ LEGAL	2000							
	2000							

	NO ELGAL							

BLUE STAR ACID SERVICE, INC.

PO Box 103 Eureka, Kansas 67045 amenting Ticket and Invoice Number

Nº 5438

Dale	Customer Order No.	Sect.	rwp.	Range	Truck Called Out	On Location	Job Began	Job Completed	
4-16-04				L	<u> </u>	Charge fro	16:130	ne 1.00p. a	٦.
Owner Lay	Ne Energy	Contrac	64	us Jo	wes Oak		Layne E	Nersy	
Mailing Address	~ /	City	<u> </u>		LOLINI	I Site	6736		_
Well No. & Form	OX 160	L	<u>- </u>	camor-	County		State		
Foglema	N 14-26				Weash	2	Kan	sas	
Depth of Well		New Used	Size	11/2	Size of Hole — Amt. and Kind of Cement —	479	Cament Laft) in casing by	Request	1
Kind of Job	LongsTring > PB	TO 11	04-	-	Tubing	(Cable Truck	No. #12	
W-1111 14 10 10 10 10 10 10 10 10 10 10 10 10 10	, , , , , , , , , , , , , , , , , , , 	Hemarks	Safi	Ty Me	eling: Rigupi	0 41/2" cas	ha break	Circulations	
Price Reference No		Mix	calif	0/65.	S-25 Pic Clus	4 Colleged	with 101	361 water Space	
Price of Job	665,00							YOL-SEAL of 13	حق
, , , , , , , , , , , , , , , , , , , ,		76A	خـــــــــــــــــــــــــــــــــــــ	Thut do	un - washout A	ump offices.	- Kelease	Plug	
Second Stage	To u · O · I				+ 17/2BILS.		T /200	PST	
Mileage	- Truck infield	Line		noing a	r 750 PSI - looT Held-	Close Con	10 /000	O PST	
Other Charges							8 BUS	1	
Total Charges	665.00		1230 CA		TeTWAS TO. SAY	July See 1			_
		~~~~			Job compl	cte - Tend	مميينساد		_
Cementer	Brad Butter			~~~~					
Helper Ale	N- Josen-Jim	District		Final	Ka	Cresa	Kassas		
	done under supervison of the owner,	operator, or his ag	ent whose	aignature ap	paars below.	96	Sural &	-	
		Thank y	lan."		•		una	Agent of contractor or opers	tor
Will and the control of the control	A.	2110015		Ticket for	Materials Oglý 🎤 🗸			-	=
Quantity Sacks		PD.	AND AND		Total Carlot		PRICE	TOTAL	=
/30	SKS. Thick Set o	·						1397.50	
1300	SKS Thick Set C		llev				10.75	390,00	
	TO SEAS		<u> </u>				730	010,00	
50	Ihs MeTasilica	Te 5.25	- Pi	Chel			1.00	50.00	
				•	RECEIVE				
				KA	INSAS CORPORATION (	COMMISSION			
	His. 80 BW. VA	VIIICI	20		<del>JUN 2 4 2</del> 1	<u>m</u>	65.00	260.00	_
	Load City Water				-		20.00	20.00	
			~~~~		CONSERVATION DIV WICHITA, KS	SION		·	_
4	His Welding 7	7 . 17			111111111111111111111111111111111111111		11500	180.00	-
							45.00	700.00	-
	41/2" Tor Rub	ber Plus					35.00	35.00	
					-				_
					1305KsHandii	ng & Dumping	,50	65.00	_
Plugs					72 Tenthies		,80	345.60	_
	Delivered by				. Sub to	otal		3,408,10	-
	Delivered by #76 Truck No	~~~~~		***************************************	Discou		,	, <u>, , , , , , , , , , , , , , , , , , </u>	
	Delivered from Fure Ka Signature of operator Business	- Company	<u>.</u>		Sales 1	ľax	6.3%	3/4.7/	
	Congression Dates	1 Bulle	1		. Total			3622.81	