KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32254

Address: P.O. Box 1024

Phone: (580_) 252-2085

Wellsite Geologist: none Designate Type of Completion:

Purchaser:

License:

____ Oil

✓_ Gas

____ Dry

Operator:_

05/16/02

Spud Date or

Recompletion Date

Name: Le Norman Energy Corporation

City/State/Zip: Duncan, Oklahoma 73534

Operator Contact Person: Joyce Williams

___ New Well ____ Re-Entry

SWD

If Workover/Re-entry: Old Well Info as follows:

Well Name: KEATING #1-14

Original Comp. Date: 09/23/75

_ Deepening

_ Plug Back ____ Commingled

_ Dual Completion

_ Other (SWD or Enhr.?)

ENHR ___

Re-perf.

Date Reached TD

Contractor: Name: Boderline Well Service

SIOW

__ SIGW

_____ Other (Core, WSW, Expl., Cathodic, etc)

Docket No ._

Docket No .__

Docket No. _

__Temp. Abd.

__ Conv. to Enhr./SWD

_Plug Back Total Depth

05/28/02 Completion Date or Recompletion Date

Original Total Depth: 6055'

County: Seward		C	717 1	TOTAL	N H L	_
C_NE_NW/SE		~ ?	84 6	_ 31		7
4050				ircle one) L		
				circle one) L		ction
Footages Calculated		_			ner:	
(circle one) K⊑∆	NE TING	(5)		sw	1_1/	
Lease Name: KEA	LON			Well #:	1-14	
Field Name: ARKA	MODE	201411	NUCOT	:ED/01/		_
Producing Formation	. WORF	KOVV/ C	HESI	ER/ CHI	ERUKE	=
Elevation: Ground:_						
Total Depth: 6055'	Plug B	ack Tota	l Depth:	6050'		
Amount of Surface P	ipe Set ar	nd Ceme	nted at.	1392'		_ Fee
Multiple Stage Ceme	nting Coll	ar Used	?		Yes	₽ N
If yes, show depth se	t		•			_ Fe
If Alternate II comple	tion, cem	ent circu	lated fro	om	_	
feet depth to		w/	·			sx cm
Drilling Fluid Manag	gement P	lan /	Port si	rev lee	11-68	.0%
Chloride content		ppm	Fluid	/olume		bb!
Dewatering method u	ised		···			
Location of fluid disp	osal if ha	uled offsi	ite:			
Operator Name:						
Lease Name:			License	• No.:		
Quarter Sec.	Т	wp.	S. R.		East	Wes
County:		Dock	et No.:			
Kansas Corporation r conversion of a we	II. Rule	82-3-130), 82-3- ⁻	106 and 8	2-3-10 7 a	pply.

Form ACO-1

September 1999

September 1990
Form Must Be Typed

INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1

and gas industry have been fully complied with and the statemen
1.
KCC Office Use ONLY
Letter of Confidentiality Attached
If Denied, ' Yes Date:
Wireline Log Received
150 Geologist Report Received
UIC Distribution

Operator Name: <u>Le</u>	Norman Energy	Corporati	ion	Leas	e Name: }	EATING		_ Well #: <u>-1-1</u>	4
Sec. 14 Twp. :	34 s. R. 31	East	✓ West	Count	y: Sewa	ard			
tested, time/tool spe tempe <u>rat</u> ure, tiuid re	how important tops of and closed flowing covery, and flowerate s surveyed. Attach	g and shut- s if gas to s	in pressures, surface test, a	whether s long with	hut-in pre	ssure reached s	tatic level, hydro	ostatic pressure	es, bottom hole
Drill Stem Tests Take (Attach Additional		Ye	s 🗸 No		Lo	og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geological Survey			Na		•		Тор	Datum	
Cores Taken		Ye	s 🗸 No		SEE	ORIGINAL			
Electric Log Run (Submit Copy)		Ye	s 🗸 No			٠ ـ	r	•	
List All E. Logs Run:				•					
SEE ORIGINAL									
· -	•	_		RECORD	Ne				
Durnoss of String	Size Hole	<u>·</u>	Casing	1	ight	rmediate, producti Setting	Type of	# Sacks	Type and Percent
Purpose of String	Drilled		(In O.D.)	Lbs.		Depth	Cement	Used	Additives
SEE ORIGINAL							*		
	to the Charles					· _ ·		-	
			ADDITIONAL	CEMENT	INC / SOL	SEZE BECORD		<u> </u>	
Purpose: Perforate Protect Casing	Depth Top Bottom	ADDITIONAL Type of Cement		#Sacks Used		Type and Percent Additives			
Plug Back TD Plug Off Zone									
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				ı	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
4	5336'-5344'		_			5336'-5374'	W/ 3000 GAL	7 1/2% HC	L ACII
	5366'-5374'								
4	5656'-5680'					5630'-5680'	W/ 1000GAL	7 1/2% JC;	ACID
4	5630'-5638'								
	8:	0-1.51		Packer /	At	Liner Run			
TUBING RECORD	Size 2 3/8"	Set At 5707'		rauker/		Linoi Null	Yes ✓ No		
	Production, SWD or E	inhr.	Producing Meth	od	Flowing	. Y Pumpin	g Gas Li	ft Othe	er (Explain)
06, Estimated Production	/08/2002	Bbls.	Gas	Mcf	Wate		<u> </u>	Gas-Oit Ratio	Gravity
Per 24 Hours	0 "		TRACE					<u> </u>	
Disposition of Gas	METHOD OF	COMPLETIO	N : 🔩			Production Interv	aļ .		
☐ Vented ✓ Sold	Used on Lease umit ACO-18.)		Open Hole	✓ Per	f. D	ually Comp.	Commingled	· \ · , ·	11111111111111111111111111111111111111