Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000 Rule 165: 10-3-25

API No.: 35125239500000

OTC Prod. Unit No.:

Completion Report

Spud Date: October 08, 2019

Drilling Finished Date: October 16, 2019

1st Prod Date:

Completion Date: November 26, 2019

Drill Type: STRAIGHT HOLE

SERVICE WELL

Well Name: SOUTH HOTULKE UNIT 27-3

Location: POTTAWATOMIE 19 9N 5E SE SW SW SW 324 FSL 495 FWL of 1/4 SEC Derrick Elevation: 922 Ground Elevation: 909

Operator: TCINA INC 11432 PO BOX 470 201 N 2ND ST SEMINOLE, OK 74818-0470 Purchaser/Measurer: First Sales Date:

	Completion Type	Location Exception	Γ	Increased Density
Х	Single Zone	Order No	Γ	Order No
	Multiple Zone	There are no Location Exception records to display.	Т	There are no Increased Density records to display.
	Commingled			

				C	asing and Cen	nent				
1	уре		Size Weight Grade Feet PSI				PSI	SAX	Top of CMT	
CONDUCTOR SURFACE PRODUCTION			16			5	2		5	SURFACE
			9 5/8	40	K-55	81	1	700	350	SURFACE
			7	26	L-80	50	84	1000	290	4110
					Liner					
Type Size We		Weig	ght Grade		Length	PSI	SAX	Top Depth		Bottom Depth
				There are	no Liner record	ds to displa	ay.			1

Total Depth: 5100

Pac	cker	P	lug
Depth	Brand & Type	Depth	Plug Type
4409	ARROW TENSION	There are no Plug	records to display.

Initial Test Data

Test Date	Formation	Oil BBL/Day	Oil-Gravity (API)	Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut- In Pressure	Choke Size	Flow Tubing Pressure
			There are r	no Initial Da	ta records to disp	olay.	•	•		•
		Cor	mpletion and	Test Data	by Producing F	ormation				
	Formation Name: S	IMPSON		Code: 2	202SMPS	C	lass: DISP			
	Spacing Orders	6			Perforated In	ntervals				
Orde	er No	Unit Size		Fro	om	1	ō			
Ν	I/A			446	65	44	180			
				467	70	46	80			
	Acid Volumes				Fracture Tre	atments				
	2,000 GALLONS	6			NONE	E				
Formation		I								
Formation			ор		Were open hole I	ogs run? Ye	S			
HENRIETTA (COAL			3446	Date last log run:	October 18,	2019			
EARLSBORO				3626	Were unusual dri	lling circums	tances encou	untered? No		
WOODFORD	SHALE			3994	Explanation:					
HUNTON				4115						

Other Remarks

SIMPSON SERIES

VIOLA

7" CASING BLOCK SQUEEZED AT 4,775' WITH 200 SACKS AND AT 4,432' WITH 200 SACKS. OCC - UIC PERMIT 2000500501.

4248

4333

FOR COMMISSION USE ONLY

Status: Accepted

1145018

API 12523950	(PLEASE TYPE OR US	E BLACK INK ONLY)								F
NO. 12020000 OTC PROD.						ION COMMISSION				
UNIT NO.					Office Box	ion Division 52000				
X ORIGINAL						na 73152-2000				
AMENDED (Reason)					Ruie 165:10 PLETION F					
TYPE OF DRILLING OPERATION								640 Acres	-, •,	
		HORIZONTAL HOLE	L	PUD DATE	10-	B-19				7
If directional or horizontal, see rever	rse for bottom hole location.			RLG FINISHED	10-1	6-19 -		┼──╂──	╂╍╊╍╂╼╸	4
COUNTY POTTAWAT	OMIE SEC 19 TW	P 9N RGE 5E		TE OF WELL	11-2	6-19		┝╌┠─	┨╼┥─┤──	1
LEASE SOUTI	H HOTULKE UNIT	WELL 27		I PROD DATE	n					
SE 1/4 SW 1/4 SW	14 SIN 14 FSL OF	INU.		ECOMP DATE		w				E
ELEVATION 922 Ground	104 560	1/4 SEC		Lanathada		Г		11		1
Denick FL 922 Ground OPERATOR	l	nown) 3 5 13 57.3		(if known)	96 49 2	3.10962				1
NAME	TCINA, INC		OTC / O OPERA	icc Tor No.	114	432		┼╴╴┠╺╍	┼╌┼╌┼╌	-
ADDRESS		BOX 470				-		┟──┠──	┼┼┼─	4
CITY SE	EMINOLE	STATE)K ZIP	74	818	•			J
COMPLETION TYPE		CASING & CEMEN					1	OCATE WE	ELL	
X SINGLE ZONE		TYPE	SIZE		GRADE	FEET	PSI	SAX	TOP OF CMT	1
MULTIPLE ZONE Application Date		CONDUCTOR	16			52	+	3 3/4	SURF	1
COMMINGLED		SURFACE	9 5/	B 40	K55	811	700	350	SURF	1
Application Date		INTERMEDIATE			-					1
INCREASED DENSITY ORDER NO.		PRODUCTION	7	26	L80	5084	1000	290	4110	ł
	I	LINER					1000	200	3EE	1
PACKER @ 4,409 BRAND					L	L	<u> </u>	TOTAL	REMARKS	1
PACKER @ BRAND				'PE 'PE	PLUG @			DEPTH	5,100].
COMPLETION & TEST DATA B		2025			PLUG @	TYPE	······			
FORMATION	SIMPSON SPRIES	(2ND WILCO				1			V.E.]
SPACING & SPACING									Vo Frac	1
ORDER NUMBER	NA									
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	01000001									1
Chap, Comun Lisp, SvC	DISPOSAL	+			_				1919-19-19-19-19-19-19-19-19-19-19-19-19	1
	4465-80									
PERFORATED	4670-80									1
INTERVALS	1010 00					······	·····			Į
ACID/VOLUME	2000 GAL									1.
			-+-							
	NONE									
Fluids/Prop Amounts)	······································				_					
·····	Min Gas Allo	wable (165:1	0-17-7)		Gas P	urchaser/Measurer		<u>_</u>		ł
NITIAL TEST DATA	OR OR					iales Date				•
NITIAL TEST DATE	Oil Allowable 11/26/2019	(165:10-13-3)							······	
						ļ				
XL-BBL/DAY	NA			····						
DIL-GRAVITY (API)	NA									
BAS-MCF/DAY	NA									
BAS-OIL RATIO CU FT/BBL	NA				1				······	
VATER-BBL/DAY	ST 2000 B/D @ 0 PS		-1-		-					
UMPING OR FLOWING	DISPOSAL									
NITIAL SHUT-IN PRESSURE		<u> </u>	-+			 				
CHOKE SIZE	<u> </u>			······································						
	MA			·						
LOW TUBING PRESSURE	NÅ	<u> </u>								
A record of the formations dnilled if to makenthis report, which was prep	hrough, and pertinent remarks a bared by mejor under my super	are presented on the rev vision and direction, with	erse. Id	eclare that I have	knowledge	e of the contents of this re	port and am a	uthorized by	my organization	
Berry I	Jon r. X	1	BERR'	Y DOYAL			11/26/201		5 380 7500	
GIGNATUR		N	AME (PF	RINT OR TYPE)		······	DATE		ONE NUMBER	
BOX 470		SEMINOLE	ОК	74818		tcin	a1@outlo			
ADDRESS		CITY	STATE			and the second definition of the second s	EMAIL ADDR			

PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

NAMES OF FORMATIONS	TOP	FOR COMMISSION USE ONLY
HENRIETTA COAL	3,446	ITD on file
EARLSBORO	3,626	APPROVED DISAPPROVED
WOODFORD SH	3994	2) Reject Codes
HUNTON	4,115	
/IOLA	4,248	
SIMPSON SERIES	4,333	
TD	51007'	
-		
		Were open hole logs run? X_yesno Date Last log was run 10/16/2019 Was CO2 encountered? yes X_no at what depths? Was H2S encountered? yes X_no at what depths? Were unusual drilling circumstances encountered? yes X_no If yes, briefly explain belov yes X_no
Dither remarks: $\frac{7"CASING BLOCK SQUEEZED}{OCC - U/C Per}$) SACKS AND AT 4432 WITH 200 SACKS.

View 🕴 🙀 🖓

LEASE NAME

SOUTH HOTULKE UNIT

27-3

WELL NO.

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	IVP	RGE		UNIY				
Spot Locat	ion 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL	
Measured	Total Depth		True Vertical Depth		BHL From Lease, Unit, or Pr	operty Line:		
			I					

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

EC	TWP	RGE		COUNTY							
pot Locat	ion 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL				
epth of eviation			Radius of Turn		Direction	Total Length					
leasured	Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Property Line:						
ATERAL EC	#2 TWP	RGE	,	COUNTY							
pot Locat	ion 1/4	. 1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL				
epth of eviation			Radius of Turn		Direction	Total Length					
	Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pro						

SEC	TWP	RGE		COUNTY				
Spot Locat	ion 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL	
Depth of Deviation			Radius of Turn		Direction	Total Length		
Measured	Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pr	operty Line:		

640 Acres

If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells. 640 Acres

The rest of the local division of the local	 _	_	10103	 	

API 12523950	(PLEASE TYPE	ORUSE	BLACK INK ONLY)					1	RECEIVED						
NO. TECEOUD OTC PROD. UNIT NO.				с	Oil & Ga	ORPORATI s Conservati t Office Box		G			3 2019	Rev. 2009			
						ity, Oklahom Rule 165:10	a 73152-2000 -3-25					- NI			
AMENDED (Reason)				-		LETION R		(OKLAHOMA CORPORATION COMMISSION						
TYPE OF DRILLING OPERATIO	N DIRECTIONAL HOLE		HORIZONTAL HOLE	SPU	D DATE	10-8	3-19			640 Acres					
SERVICE WELL	-	L		DRLC	S FINISHED	10-1	6-19		<u></u>	ļ 					
If directional or horizontal, see re COUNTY POTTAWA		9 TWP	9N RGE 5E		E OF WELL	11-2						- 1			
LEASE SOLU					PLETION ROD DATE										
NAME 500 SE 1/4 SW 1/4 SW			NU.			n		w				E.			
	1/4		24 1/4 SEC 4		OMP DATE					T					
Derrick FL 922 Groun			own) 35 13 57.3		(if known)	96 49 2									
NAME	TCINA,	INC		OPERATO		114	132								
ADDRESS			BOX 470												
CITY	SEMINOLE		STATE	Ok	(ZIP	748	318			OCATE WE					
	1		CASING & CEMEN	T						T					
X SINGLE ZONE MULTIPLE ZONE			TYPE	SIZE	WEIGHT	GRADE	FEET		PSI	SAX 3 374	TOP OF CMT				
Application Date COMMINGLED			CONDUCTOR	16		1/55	52		700		SURF				
Application Date				9 5/8	40	K55	811		700	350	SURF				
ORDER NO. INCREASED DENSITY						1.00	5094		4000	290	4110				
ORDER NO.	L		LINER	7	26	L80	5084		1000	290	SEE				
4 400			L	l						TOTAL	86000000000000000000000000000000000000				
PACKER @BRAN PACKER @BRAN	ND&TYPE <u>ARROW</u> ND&TYPE	ENSION	PLUG @		=	PLUG @	TYPE		,	DEPTH	0,100				
COMPLETION & TEST DATA		MATION													
FORMATION	SIMPSON SEI	RIES	(2ND WILCO)X)						/	Vo Frac				
SPACING & SPACING ORDER NUMBER	NA														
CLASS: Oil, Gas, Dry, Inj, Disp. Comm Disp. Svc	DISPOSAI														
	4465-80														
PERFORATED	4670-4	1281)													
INTERVALS										A	PP	1			
ACID/VOLUME	2000 GAL										2 0048 00488	821			
	NONE					2					20409	0071			
FRACTURE TREATMENT			· · · · · · · · · · · · · · · · · · ·				·			- 2	00100				
(Fluids/Prop Amounts)								<u> </u>							
												and the second second			
	Min	Gas Allow	wabie (165:	10-17-7)		Gas F	urchaser/Measure	er 🕤	·						
INITIAL TEST DATA		OR Allowable	(165:10-13-3)			First \$	Sales Date		·						
INITIAL TEST DATE	11/26/201	••••••	(100110-10-0)			Ť									
OIL-BBL/DAY	NA			·				-	×						
OIL-GRAVITY (API)	DIA	<u>.</u>													
GAS-MCF/DAY	ANA ANA	····						-							
GAS-OIL RATIO CU FT/BBL						-		+							
WATER-BBL/DAY	EST 2000 B/D @	0 0 0 0					·	+			· · · · · ·				
PUMPING OR FLOWING	DISPOSA		<u> </u>					-							
INITIAL SHUT-IN PRESSURE			· · · · · · · · · · · · · · · · · · ·					+							
CHOKE SIZE	NA NA														
FLOW TUBING PRESSURE															
A record of the formations drill		remarks s	are presented on the m	averse I de	clare that I ha	ve knowledd	e of the contents o	f this ren	ort and am	authorized by	y my organization				
to make this report, which was	prepared by mean under	my superv	vision and direction, wi	th the data	and facts state	ed herein to	be true, correct, an	d comple	te to the be 1/26/20	st of my know	wedge and belief.				
GIGNAT					INT OR TYPE				DATE		IONE NUMBER				
BOX 4				OK STATE	74818 ZIP	5			MAIL ADD	pok.com					
				SIAIE	۲ ۱۲	·	· · · · · · · · · · · · · · · · · · ·	6							

see attached 102A

Image with other 1002A

AP) NO. 12523950 OTC PROD. UNIT NO.	(PLEASE TYPE (DR USE	BLAC	K INK ONL	LY)				Conse Office i	rvation Divisio Box 52000	n		*						
ORIGINAL AMENDED (Reason)	Add Perfs	- sam	ie zo	ne				F	tule 16	5:10-3-25 N REPORT	2000								
TYPE OF DRILLING OPERATIO			1				SPUD	DATE	1	0-8-19	1				640	Acres			
X SERVICE WELL	DIRECTIONAL HOLE		HOR	ZONTAL H	HOLE			FINISHED	10)-16-19									
if directional or horizontal, see rev COUNTY Pottawat		1	9N	RGE	5E		DATE 10-10-13 DATE OF WELL 11-26-19												
FAOR	outh Hotulke Unit	1.000	314	WELL				PLETION	1	· · · · ·	-								
NAME)F a		NO. FWL OF	27-3	_		ROD DATE		na	w								
SE 1/4 SW 1/4 SW	1/4 SVV 1/4 1/4 S	EC J	24	1/4 SEC	495			MP DATE			4								
Demick FL 922 Groun	l		own)	35'13'			(i	f known)	96'49	23.1096	4								
NAME	Tcina, I	nc					/ OCC RATOR			11432									
ADDRESS		F	POB	Box 470)														
CITY	Seminole			STATE	C	Эk	laho	ma ^{zip}	-	74818]	ø		L		E WE			
COMPLETION TYPE	·····		CAS		MENT (Att	ach F	orm 1002C)									·		
X SINGLE ZONE MULTIPLE ZONE			L	TYPE			IZE	WEIGHT	GRA	DE	FEET			PSI		SAX	то	POFC	MT
Application Date		_		DUCTOR			16		<u> </u>		52				V	de		Surf	
Application Date		_	SURF	RMEDIATE		9	5/8	40	K5	5	811		7	00	3	50		Surf	
ORDER NO.	DER NO.																		
ORDER NO.	I			DUCTION			7	26	L8	<u> </u>	5084		10	000	2	90	ļ	4110 See	
			LINE										L		TOTA			əmar	
PACKER @ <u>4,409</u> bran PACKER @ BRAN	insion	PLUG	3@			•			e					DEPT			5,100	<u>'</u>	
COMPLETION & TEST DATA	BY PRODUCING FORM	ATION	1	2029	SMI		5					T				······			
FORMATION	Simpson Seri	ə s	L														Vo	FI	ac
SPACING & SPACING <u> ORDER NUMBER</u> CLASS: Oil, Gas, Dry, Inj,	NA															<u> </u>			
Disp, Comm Disp, Svc	Disposal																		
	4465-80						-												
PERFORATED INTERVALS	4670-80		ļ													ļ			
••••••••••••••••••••••••••••••••••••••									_	·		<u> </u>				_			
ACID/VOLUME	2000 Gal		<u> </u>						_							<u> </u>		_	
	None												:						
FRACTURE TREATMENT (Fluids/Prop Amounis)			ļ				ļ			51 T. 1777 10 10 10 10 10 10 10									
											145-14-0-14-0-1								
NITIAL TEST DATA		Bas Allo OR liowable			(165:10	-17	-7)			as Purchase irst Sales Dal		•							
NITIAL TEST DATE	11/26/2019		T	(165:10-	10-01		r		- 	ang menang menang menang ak salah		T				Т			
DIL-BBL/DAY	NA		+						-+			┼──				+-			
DIL-GRAVITY (API)	NA		+-			-				<u>.</u>						+-			
GAS-MCF/DAY	NA	· · · · · · ·	+													\vdash			
GAS-OIL RATIO CU FT/BBL	NA NA								+			+				+-		,	
WATER-BBL/DAY	Est 2000 b/d @		+											<u></u>		\vdash			
	Disposal	o pai					 									+		••••••••••••	
PUMPING OR FLOWING	·						<u> </u>		+			+				+			
	0		╂──													+			
	na			••••••••••••••••••••••••••••••••••••••			 									–]
FLOW TUBING PRESSURE	na na		<u> </u>		(he -		<u> </u>	1		10da1"		4			JL -	Ļ			
A record of the formations drill to make this report, which was	eo inrougn, and pertinent r prepared by me or under n	emarks i 1y super	are pre vision :	sented on and directi	i the reve ion, with i	the	data a	clare that I hav and facts state Doyal	ve know Id herei	neage of the a n to be true, a	contents of correct, and	comple	te to	id am a the bas 2020	st of m	ny knov	wiedge	rganizal and be 80-78	liəf.
GIGNAT	TURE				NA			NT OR TYPE	E)		-			ATE		<u>`</u>		NUMB	
PO Box	x 470	······		eminol CITY		_)K	74818	3			tcina							
ADDRI	ADDRESS					ST	ATE	ZIP	-			E	MAIL	. ADDI	RESS	;			

Form 1002A Rev. 2009

PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

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NAMES OF FORMATIONS	тор
Henrietta Coal	3,446
Earlsboro	3,626
Woodford SH	3994
Hunton	4,115
Viola	4,248
Simpson Series	4,333
TD	51,007

]YES DISAPPRO	NO	2) Reject	SION USE ONLY Codes		
.		2) Reject	Codes		
run?	_X_yes	no			
n		10/16/2	2019	_	
ed?	yes	X no	at what depths?		
d?	yes	no	at what depths?		
i circumstance belov	es encounter	ed?	and find types	yes	Kno
	ad? d? circumstanc	d?yes d?yes circumstances encounter belov	n <u>10/16/</u> bd? <u>yes X</u> no d? <u>yes X</u> no d? <u>yes X</u> no circumstances encountered? belov	n <u>10/16/2019</u> d? <u>yes X no at what depths?</u> d? <u>yes X no at what depths?</u> i. circumstances encountered? belov	n <u>10/16/2019</u> bd? <u>yes X no at what depths?</u> d? <u>yes X no at what depths?</u> icircumstances encountered? <u>yes X</u>

Other remarks: 7' Casing block squeezed at 4775' with 200 sacks and at 4432 with 200 sacks

640 Acres

If more than three drainholes are proposed, altach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells. 640 Acros

 -	0407	Acres		

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNT	Ŷ			·····
Spot Lo	cation 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Measure	ed Total Depth	True	Vertical Depth		BHL From Lease, Unit, or Pro	operty Line:	

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERA	L #1							
SEC	TWP	RGE		COUNTY				
Spot Loca	ation 1/4	1/4		1/4	Feet From 1/4 Sec Lines	FSL	FWL	
Depth of Deviation			Radius of Turn	1/4	Direction	Total	[1:1:1:1]	
Deviation True Vertical Depth True Vertical Depth			Length BHL From Lease, Unit, or Property Line:					
ATERA	L #2				L		·····	
SEC	TWP	RGE		COUNTY			· · · · · · · · · · · · · · · · · · ·	
Spot Loca	ation 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL	
Depth of Radius of Turn Deviation			Direction	Total Length				
Neasured	leasured Total Depth True Vertical Depth				BHL From Lease, Unit, or Property Line:			
ATERA	L #3						~~~~~	
SEC	TWP	P RGE COUNTY		······································		han di ili ya ma		
Spot Loca	ation 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL	
Depth of Deviation			Radius of Turn		Direction	Total Length		
Aeasured Total Depth True Vertical Depth			BHL From Lease, Unit, or Property Line:					