Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000

Rule 165: 10-3-25

OTC Prod. Unit No.: 103-211506 Drilling Finished Date: September 02, 2013

1st Prod Date: October 12, 2013

Completion Date: October 10, 2013

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: COMMISSIONERS 20-2-30 1 HM Purchaser/Measurer: PVR

Location: NOBLE 30 20N 2W First Sales Date: 10/12/2013

NE NE NW NW

2474 FSL 1206 FWL of 1/4 SEC

Derrick Elevation: 1187 Ground Elevation: 1164

Operator: SUNDANCE ENERGY OKLAHOMA LLC dba SEO LLC 22918

633 17TH ST STE 1950 DENVER , CO 80202-3620

Completion Type		
Х	Single Zone	
	Multiple Zone	
	Commingled	

Location Exception
Order No
605642

Increased Density
Order No
There are no Increased Density records to display.

Casing and Cement							
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36	J-55	356		276	SURFACE
PRODUCTION	7	26	P-110	5636		207	4567

				Liner				
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	11.6	N-80	5115	0	0	4937	10052

Total Depth: 10068

Packer		
Depth	Brand & Type	
There are no Packer records to display.		

Plug			
Depth Plug Type			
There are no Plug records to display.			

December 11, 2013 1 of 2

	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
Nov 07, 2013	MISSISSIPPIAN	157	41	373	2376	519	PUMPING		OPEN	140

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: OIL

Spacing Orders				
Order No	Unit Size			
605056	640			

Perforated Intervals			
From	То		
There are no Perf. Intervals records to display.			

Acid Volumes

2,871 BARRELS 15% HCL

Fracture Treatments

17 STAGES - 55,060 BARRELS H20, 852,300 POUNDS 30/50, 811,700 POUNDS 20/40

Formation	Тор
HOGSHOOTER	4335
OSWEGO	5007
VERDIGRIS	5138
INOLA	5256
MISSISSIPPI	5321

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

OCC - THIS WELL IS AN OPEN HOLE COMPLETION FROM BOTTOM OF THE 7" CASING AT 5,638' TO TERMINUS AT 10,068'. THE 4 1/2" LINER IS NOT CEMENTED. IRREGULAR SECTION. FLE ORDER HAS NOT BEEN ISSUED. WE HAVE ACCEPTED OPERATORS DATA AS SUBMITTED.

Lateral Holes

Sec: 30 TWP: 20N RGE: 2W County: LOGAN

SE SW SW SW

165 FSL 653 FWL of 1/4 SEC

Depth of Deviation: 4866 Radius of Turn: 1227 Direction: 0 Total Length: 4271

Measured Total Depth: 10067 True Vertical Depth: 5350 End Pt. Location From Release, Unit or Property Line: 165

FOR COMMISSION USE ONLY

1122148

Status: Accepted

December 11, 2013 2 of 2

633 17th St, Ste. #1950

ADDRESS

XORIGINAL

PLEASE TYPE OR USE BLACK INK NOTE:

Attach copy of original 1002 if recompletion or reentry.

Form 1002A Rev. 2009

NOV 21 2013

	OKLAHOMA CORPORATION
REPORT	COMMISSION

thodgson@sundanceenergy.net

EMAIL ADDRESS

					COMP	LETION R	EPORT			-	,,,,,,,,,,	5510	••
TYPE OF DRILLING OPERATION	_	V Juorus	ZONTAL HOLE	SPUD	DATE 7/1	9/13				640) Acres		
SERVICE WELL	_		ZONTAL HOLE	DRLG	FINISHED 9	/2/13			×		1_		
f directional or horizontal, see no COUNTY Noble			RGE 2W	DATE	OF WELL 1								
			WELL 1 HM	COM	LETION								
LEASE Commissioners 2	ESI OF		NO. 1 HM		OD DATE 1	0/12/13		w					
NE 1/4 NE 1/4 NW	1/4 NW 1/4 1/4 SEC	2474'	1/4 SEC 12		MP DATE								
LEVATIO 1187' Groun	d 1164' Latitude (i	if known)	36.18798° N	Longiti (if know		65° W					+		
OPERATOR Sundance E	nergy Oklahoma LLC	;		OTC/OCC OPERATOR	R NO. 229	18				+	╂		
ADDRESS 13524 Railwa	y Dr. Ste. G										-		
Oklahoma City			STATE OK		ZIP 7	3114-22	58			1000	TE WE		
COMPLETION TYPE		CASI	NG & CEMEN	T (Form 100						LUCA	(IE VVL		
X SINGLE ZONE M	lississippi		TYPE	SIZE	WEIGHT	GRADE		EET	PS	1	SAX	TOP	OF CM
MULTIPLE ZONE Application Date		COND	DUCTOR	20"									
COMMINGLED Application Date		SURF	ACE	9-5/8"	36#	J-55	;	356'		- :	276		0'
	605642 \·C1	INTER	RMEDIATE	f 7"	26#	P-110	5	638'			207	4	1567'
NCREASED DENSITY DRDER NO.		PROD	DUCTION _	~ ·			-04	• • •					
TWENTY.		LINER	?	4-1/2"	11.6#	N-80	4937	0052'					
PACKER @BRAN	ID & TYPE	PLUG		TYPE		PLUG @	Pe	YPE YPE	Sch	TOT		1	0,068'
ACKER @ BRAN	ID & TYPE	PLUG	. @	TYPE		PLUG @		YPE _		DLF			
			OCH N	ペーカ	•								~
OMPLETION & TEST DAT			2>411	75/			400	1	, ,)	1	~	
OMPLETION & TEST DATA	A BY PRODUCING FORM Mississippi & A		2>4 Jr	75/			Rep	2011	red	10	FI	ac	-/2
OMPLETION & TEST DAT ORMATION PACING & SPACING RDER NUMBER	Mississippi 4 / 640Ac. 605056		3>4 111				Rep	2011	red	to	FI	ac	- /2
OMPLETION & TEST DAT. ORMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj,	Mississippi 4 / 640Ac. 605056 Oil		<i>></i> 2 11				Rep	2617	^t ed	to	Fi	rac	
OMPLETION & TEST DAT. DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj, Isp, Comm Disp, Svc	Mississippi 4 / 640Ac. 605056		<i>></i> 2 <i> </i> 111			1	Rep	2017	^t ed	to	Fi	rac	
OMPLETION & TEST DAT. ORMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc ERFORATED	Mississippi 4 / 640Ac. 605056 Oil	<u>1</u>	<i>9</i> >4 <i>III</i>				Rep	2617	ted.	to	Fi	ac	
OMPLETION & TEST DAT. ORMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc ERFORATED	Mississippi 47 640Ac. 605056 Oil 17 Stages	1	<i>9>4 III</i>				Rep	2617	ted.	<i>to</i>	Fi	rac	_ F ₂
COMPLETION & TEST DAT. ORMATION SPACING & SPACING DRDER NUMBER LASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Mississippi 4 7 640Ac. 605056 Oil 17 Stages	2	<i>3</i> > 1112				Rep	2617	ted.	<i>to</i>	Fi		
COMPLETION & TEST DAT. ORMATION PACING & SPACING PROER NUMBER LASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc ERFORATED NTERVALS CID/VOLUME	Mississippi 47 640Ac. 605056 Oil 17 Stages -5,630' - 10,068	2 28		CL			Rep	2411	ted.	<i>to</i>	Fi		
OMPLETION & TEST DAT. ORMATION PACING & SPACING IRDER NUMBER LASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc ERFORATED ITERVALS CIDIVOLUME RACTURE TREATMENT	Mississippi 47 640Ac. 605056 Oil 17 Stages -5,630' - 10,008' Total	2 28 5	871 bbis 15%H0	CL O			Rep	2611	led.	<i>to</i>	Fi		
COMPLETION & TEST DAT. CORMATION SPACING & SPACING DRDER NUMBER PLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc PERFORATED NTERVALS ACID/VOLUME PRACTURE TREATMENT	Mississippi 47 640Ac. 605056 Oil 17 Stages -5,638' - 10,068' Total Total	2 28 5 88	871 bbis 15%H(55,060 bbis H2C	CL O			Rep	26:17	led.	10			
COMPLETION & TEST DAT. ORMATION SPACING & SPACING DEDER NUMBER LASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc PERFORATED NTERVALS ACID/VOLUME	Mississippi 47 640Ac. 605056 Oil 17 Stages -5,630' - 10,008' Total Total Total Total Total Min Gas	2 28 5 81 81 Allowable	871 bbis 15%H0 55,060 bbis H2C 52,300 bbs 30/50 11,700 lbs 20/40	CL O		Gas l	Purchaser/M		led .	<i>to</i>	P	VR	
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COMPLETION & TEST DAT. ORMATION SPACING & SPACING SPACING BENEVING SPACING BENEV	Mississippi 47 640Ac. 605056 Oil 17 Stages -5,630'-10,008' Total Total Total Total Min Gas Oil Allow 11/7/2013	2 28 5 81 81 Allowable OR	871 bbis 15%H0 55,060 bbis H2C 52,300 lbs 30/50 11,700 lbs 20/40 (165:	CL O		Gas l	Purchaser/M		led -	<i>+0</i>	P	VR	
COMPLETION & TEST DAT. ORMATION SPACING & SPACING DRDER NUMBER PLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME RACTURE TREATMENT Fluids/Prop Amounts) NITIAL TEST DATA NITIAL TEST DATE OIL-BBL/DAY	Mississippi 4 / 640Ac. 605056 Oil 17 Stages -5,638' - 10,068' Total Total Total Total Min Gas A Oil Allow 11/7/2013	2 28 5 81 81 Allowable OR	871 bbis 15%H0 55,060 bbis H2C 52,300 lbs 30/50 11,700 lbs 20/40 (165:	CL O		Gas l	Purchaser/M		l'ed	<i>+o</i>	P	VR	
COMPLETION & TEST DAT. ORMATION PACING & SPACING PROER NUMBER LASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc ERFORATED NTERVALS CID/VOLUME RACTURE TREATMENT I-luids/Prop Amounts) NITIAL TEST DATA NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY (API)	Mississippi 4 / 640Ac. 605056 Oil 17 Stages -5,630' - 10,008' Total Total Total Total Min Gas X Oil Allow 11/7/2013 157 41	2 28 5 81 81 Allowable OR	871 bbis 15%H0 55,060 bbis H2C 52,300 lbs 30/50 11,700 lbs 20/40 (165:	CL O		Gas l	Purchaser/M		l'ed	<i>+o</i>	P	VR	
COMPLETION & TEST DATA ORMATION SPACING & SPACING ORDER NUMBER PLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc PERFORATED NTERVALS ACID/VOLUME PRACTURE TREATMENT Fluids/Prop Amounts) NITIAL TEST DATA NITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API) SAS-MCF/DAY	Mississippi 47 640Ac. 605056 Oil 17 Stages -5,630'-10,008' Total Total Total Total Min Gas 0il Allow 11/7/2013 157 41 373	2 28 5 81 81 Allowable OR	871 bbis 15%H0 55,060 bbis H2C 52,300 lbs 30/50 11,700 lbs 20/40 (165:	CL O		Gas l	Purchaser/M		ted.	<i>+o</i>	P	VR	
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OMPLETION & TEST DAT. ORMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj, Oilsp, Comm Disp, Svc ERFORATED NTERVALS CID/VOLUME RACTURE TREATMENT Pluids/Prop Amounts) NITIAL TEST DATA NITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API) GAS-MCF/DAY WATER-BBL/DAY	Mississippi 47 640Ac. 605056 Oil 17 Stages -5,630' - 10,008' Total Total Total Total Min Gas Allow 11/7/2013 157 41 373 2376 519	2 28 5 81 81 Allowable OR	871 bbis 15%H0 55,060 bbis H2C 52,300 lbs 30/50 11,700 lbs 20/40 (165:	CL O		Gas l	Purchaser/M		l'ed	<i>+o</i>	P	VR	
COMPLETION & TEST DAT. ORMATION PACING & SPACING IRDER NUMBER LASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc ERFORATED INTERVALS CIDIVOLUME RACTURE TREATMENT Pluids/Prop Amounts) NITIAL TEST DATA NITIAL TEST DATE INIL-BBL/DAY INIL-GRAVITY (API) INIL-GRAVITY (API) INIL-BBL/DAY WATER-BBL/DAY UMPING OR FLOWING	Mississippi 47 640Ac. 605056 Oil 17 Stages -5,630'-10,008' Total Total Total Total Min Gas X Oil Allow 11/7/2013 157 41 373 2376	2 28 5 81 81 Allowable OR	871 bbis 15%H0 55,060 bbis H2C 52,300 lbs 30/50 11,700 lbs 20/40 (165:	CL O		Gas l	Purchaser/M		led.	<i>+o</i>	P	VR	
COMPLETION & TEST DATA CORMATION SPACING & SPACING S	Mississippi 47 640Ac. 605056 Oil 17 Stages -5,630' - 10,008' Total Total Total Total Min Gas Allow 11/7/2013 157 41 373 2376 519 PUMPING	2 28 5 81 81 Allowable OR	871 bbis 15%H0 55,060 bbis H2C 52,300 lbs 30/50 11,700 lbs 20/40 (165:	CL O		Gas l	Purchaser/M		l'ed	<i>+0</i>	P	VR	
COMPLETION & TEST DATA CORMATION SPACING & SPACING DRDER NUMBER CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc PERFORATED NTERVALS ACID/VOLUME FRACTURE TREATMENT Fluids/Prop Amounts) NITIAL TEST DATA NITIAL TEST DATE DIL-BBL/DAY DIL-BBL/DAY DIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL NATER-BBL/DAY PUMPING OR FLOWING NITIAL SHUT-IN PRESSURE CHOKE SIZE FLOW TUBING PRESSURE	Mississippi 47 640Ac. 605056 Oil 17 Stages -5,630' - 10,008' Total Total Total Total Min Gas Allow 11/7/2013 157 41 373 2376 519	2 28 5 81 81 Allowable OR	871 bbis 15%H0 55,060 bbis H2C 52,300 lbs 30/50 11,700 lbs 20/40 (165:	CL O		Gas l	Purchaser/M		l'ed	<i>+o</i>	P	VR	

Denver, CO 80202

CITY

STATE

ZIP

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
Hogshooter	4335'
Oswego	5007'
Verdigris	5138'
Inola	5256'
Mississippi	5321'
All top depths in ft. TVD	

LEASE NAME	Commissio	ners 20-2-	30	WELL NO	1 HIVI	
		FO	R COMMIS	SION USE OF	NLY	
ITD on file APPROVED	DISAPPRO	/ED	2) Reject	Codes		
Were open hole Date Last log w Was CO ₂ enco	as run		Xno Xno	at what dept	hs?	

____yes X__no at what depths?

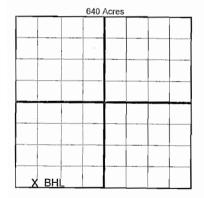
____yes _X_ no

			<u> </u>
Other remarks: OCC - This	vell is an	open hole c	ompletion
from bottom of	the 7"cas	ing at 5638	'to terminus
at 10,068. The	4/2" liner	is not come	ented.
,	1		

Was H₂S encountered?

If yes, briefly explain below

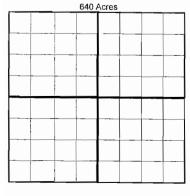
Were unusual drilling circumstances encountered?



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.



BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE		COUNTY			· .		
Spot Locatio	n 1/4	1/4	1/4	1/-	Feet From	1/4 Sec Lines	FSL	FWL	
Measured To				BHL From Lease, Unit, or Property Line:					

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1	
	_

SEC 30	TWP	20N	RGE	2W		COUNTY	Lo	ogan			
Spot Loca SE	ion 1/4	SW	1/4	SW	1/4	sw	1/4	Feet From 1/4 Sec Lines	FSL 165'		FWL 653'
Depth of Deviation	-	4866'		Radius of	Turn	1227'		Direction S	Total Length	4271'	
Measured	Total [Depth		True Verti	cal De	pth		BHL From Lease, Unit, or Prop	erty Line:		
10,067.6'				5,35	0.5'		FSL 165'	, FWL 653'			

LATERAL #2

SEC	TWP	RGE	COU	NTY			
Spot Loca	ition 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of Deviation		Ra	dius of Turn		Direction	Total Length	
Measured	Total Depth	Tru	e Vertical Depth		BHL From Lease, Unit, or Pro	pperty Line:	

LATERA	L #3						
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 Deviation			Radius of Turn		Direction	Total Length	4
Measured	l Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pr	roperty Line:	