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

API No.: 35087219850000

Drill Type:

Location:

OTC Prod. Unit No.: 087-213230

Well Name: C W HARRISON 1-31

STRAIGHT HOLE

MCCLAIN 31 5N 3W

SE NW NW NW

Completion Report

Spud Date: February 22, 2014

Drilling Finished Date: March 27, 2014 1st Prod Date: May 05, 2014 Completion Date: August 18, 2014

Min Gas Allowable: Yes

Purchaser/Measurer: ONEOK

First Sales Date: 05/14/2014

Operator: RED ROCKS OIL & GAS OPERATING LLC 22649

Derrick Elevation: 976 Ground Elevation: 961

2205 FSL 640 FWL of 1/4 SEC

1141 N ROBINSON AVE STE 301 OKLAHOMA CITY, OK 73103-4919

	Completion Type	Location Exception		Increased Density
	Single Zone	Order No		Order No
	Multiple Zone	621208	There	are no Increased Density records to display.
Х	Commingled	· · · · · · · · · · · · · · · · · · ·		

Casing and Cement									
-	Гуре	Siz	ze Weight	Grade	Fe	et	PSI	SAX	Top of CMT
CON	DUCTOR	1	6		6	8			SURFACE
SU	RFACE	9 5	5/8 36	J-55	10	15		400	SURFACE
PRO	OUCTION	5 1	1/2 17	P-110	108	847		950	6410
				Liner					
Туре	Size	Weight	Grade	Length	PSI	SAX	То	o Depth	Bottom Dept
There are no Liner records to display.									

Total Depth: 10883

Pac	ker	Plug			
Depth	Brand & Type	Depth	Plug Type		
There are no Packe	r records to display.	There are no Plug	records to display.		

Initial Test Data

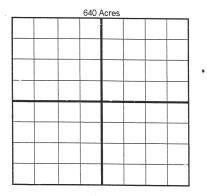
Test Date	Format	tion	Oil BBL/Day	Oil-Gı (Al		Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut- In Pressure	Choke Size	Flow Tubing Pressure
May 13, 2014	VIOLA-SIN (ABOVE OIL		193	3	9	889	4606	583	PUMPING	800	18/64	500
			Con	npletio	n and	Test Data I	by Producing F	Formation				
	Formation N	lame: VIOLA				Code: 20	02VIOL	C	Class: OIL			
	Spacing	Orders					Perforated I	ntervals				
Orde	er No	U	nit Size			From	n	٦	Го			
338	338918 80					9640	D	97	734			
	Acid Vo	olumes					Fracture Tre	atments				
There a	are no Acid Volu	ime records	to display.		5,9 SLI	64 GALLON ICK WATER	IS 20% GELLE , 16,100 POUN	D HCL, 75,60 DS 20/40 O	00 GALLONS ITAWA SANI			
	Formation N CREEK)	lame: SIMPS	SON (ABOVE	OIL		Code: 20	2SPAOC	С	Class: OIL			
	Spacing	Orders					Perforated I	ntervals				
Orde	er No	U	nit Size			From	n	1	Го			
416	614		80			9984	4	10	722			
	Acid Ve	olumes					Fracture Tre	atments				
9,200 GALLOI	NS 10% MFE, 2	2,000 GALLC	DNS 7 1/2% I	ИСА	GAL HC	LONS SLIC CL, 262,000	ALLONS 30 PO K WATER, 5,00 POUNDS 20/40 DS 20/40 RESI	0 GALLONS 0 OTTAWA S	20% GELLE AND, 73,000	D		
	Formation N CREEK)	lame: VIOLA	-SIMPSON (ABOVE	E OIL	Code:		C	Class: OIL			
Formation			T	ор			Vere open hole	-				
GIBSON							Date last log run	: March 24, 2	2014			
HART SPRINGER							Vere unusual dr	illing circums	stances encou	untered? No		
SYCAMORE						7874 E 8050	Explanation:					
WOODFORD						8197						
HUNTON						8506						
CHIMNEY HIL	L					9002						
VIOLA						9222						
	BROMIDE DENSE					9790						
OIL CREEK						10723						
Other Remark	(S		I									
	Other Remarks.											

Status: Accepted

							RE	CIRI	NEN		
API 087-21985	PLEASE TYPE OR USE E		0		PROPATION	COMMISSION					n 1002A
OTC PROD. UNIT NO. 087-213230	Attach copy of ori	ginal 1002A	U.	Oil & Ga	Conservation	Division	AL	JG 2 5	2016	Re	ev. 2009
X ORIGINAL AMENDED (Reason)	if recompletion of	or reentry.		Oklahoma C	ity, Oklahoma Rule 165:10-3- PLETION REI	73152-2000 -25	OKLAHO C	MA COR OMMISS	RPORATION SION		
TYPE OF DRILLING OPERATIO	-		SPUD	DATE	2/22/2			640 Acres			
	DIRECTIONAL HOLE	HORIZONTAL HOLE		FINISHED	3/27/2						
COUNTY McCla	reverse for bottom hole location.	P 05N RGE 03V	DATE DATE	OF WELL	8/18/2						
LEASE	C.W. Harrison	WELL 1-3									
NAME SE 1/4 NW 1/4 NW	/ 1/4 NI\A/ 1/4 FSL OF	2205 FWL OF 64		NOD DATE	5/5/20					E	
ELEVATION 976 Grou	1/4 SEC -	174 SEC		tude							
OPERATOR Rod F	Rocks Oil & Gas Oper	nown) 34° 52° 86.7"	(if kno	own) 97	33' 45.2"						
ADDRESS			OPERATOR	R NO.	2264						
	klahoma City	I. Robinson, Ste									
	Kianoma City	STATE	OK		7301	13	L	OCATE WE	LL	1	
SINGLE ZONE		CASING & CEMENT TYPE	(Form 100 SIZE	WEIGHT	attached) GRADE	FEET	PSI	SAX	TOP OF CMT	1	
MULTIPLE ZONE Application Date		CONDUCTOR	16			68			Surface		
X COMMINGLED Application Date		SURFACE	9 5/8	36	J55	1015		400	Surface		
LOCATION EXCEPTION ORDER NO.	621208	INTERMEDIATE									
INCREASED DENSITY ORDER NO.	NA	PRODUCTION	5 1/2	17	P110	10847		950	6410		
		LINER									
PACKER @BRAI	ND & TYPE	_PLUG @	TYPE		PLUG @	TYPE		TOTAL DEPTH	10,883		
PACKER @ BRAI	ND & TYPE	PLUG @	TYPE		PLUG @	TYPE				•	
FORMATION	Viola	10N 7202V100	Sim	pson (Abo	/e	025PAOI	1 	1		1	
SPACING & SPACING ORDER NUMBER	80ac. 338918			creek))ac. 4161	4				LPO(Tea		
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil			Oil				7	D FIACIO	in s	
PERFORATED	9640 - 9734 OA		998	4-10722	OA						
						2					
ACID/VOLUME	None	-	1	ai 7 1/2% //	1						
FRACTURE TREATMENT	5964 gals 20% gelled HCI										
(Fluids/Prop Amounts)	75.6k gals Slick water			See other							
	16.1k# 20/40 Ott. sd.		rer	marks pg	2						
	X Vin Gas Allo		0-17-17			rchaser/Measurer lles Date			EOK /2014		
INITIAL TEST DATA	OltAllowabl				First Sa	lies Date		0/14	/2014	-	
INITIAL TEST DATE	5/13/2014										
OIL-BBL/DAY	193			/////	//////	1111111					
OIL-GRAVITY (API)	39										
GAS-MCF/DAY	889			ΛC	SU	BMIT	TED	8			
GAS-OIL RATIO CU FT/BBL	4606		_2	AU	JU		IEU		~~~		
WATER-BBL/DAY	583		_7				111111				
PUMPING OR FLOWING	Pumping					///////////////////////////////////////					
INITIAL SHUT-IN PRESSURE	800 psi										
CHOKE SIZE	18/64										
FLOW TUBING PRESSURE	500 psi										
A record of the formations dr to make this report, which wa	illed through, and pertinent remar prepared by me or under my su	ks are presented on the r pervision and direction, w	everse. I de	eclare that I have and facts state	ave knowledge	e of the contents of the true, correct and	his report and am	authorized b	y my organization		
Herry	linos		Merri	Oliver		, serrest, and	a line li)5-600-3065	EXT	10
1141 N. Robin		Oklahoma City		NT OR TYPE	,		DATE	PH	HONE NUMBER		
ADDR		CITY	OK STATE	73103 ZIP		merri.oliv	/er@redrock EMAIL ADD		es.com		
										1	

100

PLEASE TYPE OR USE FORMATION I Give formation names and tops, if available, or des drilled through. Show intervals cored or drillstem to	RECORD	LEASE NAMEC.W. Harrison 1-3	31
NAMES OF FORMATIONS	TOP	FOR COMMISSION USE ONLY	
GIBSON	7,618		
HART	7,751		
SPRINGER	7,874	2) Reject Codes	
SYCAMORE	8,050		
WOODFORD	8,197		
HUNTON	8,506		
CHIMNEY HILL	9,002		
VIOLA	9,222		
BROMIDE DENSE	9,790		
OIL CREEK	10,723	Were open hole logs run? X yes no Date Last log was run 3/24/2014 Was CO2 encountered? yes X no at what depths? Was H2S encountered? yes X no at what depths?	
		Were unusual drilling circumstances encountered?yesyes no	
Other remarks: Simpson (Above Oil (Crool) fracture treatment dataile		
262k # 20/40 Ottawa sand & 73k #		s - 301k gal 30# x-link, 87k gal slick water & 5kgal 20% gelled HCL;	



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

	r			

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE		COUNTY			
Spot Loo	cation 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Measure	ed Total Depth		True Vertical Dep	oth	BHL From Lease, Unit, or Prope	ty Line:	,

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

ATERAL	#1							
SEC	TWP	RGE		COUNTY				
Spot Locati						Feet From 1/4 Sec Lines	FSL	FWL
	1/4	1/4	1/4	1	/4	Veet 110111 1/4 Oet Lines	I OL	
⊃epth of ⊃e∨iation			Radius of Turn			Direction	Total Length	
Measured 7	Total Depth		True Vertical Dep	oth		BHL From Lease, Unit, or Proper		Te
LATERAL SEC	#2 TWP	RGE		COUNTY				
				0000000				
Spot Locati	ion			L		Fact From All One Line	501	
	1/4	1/4	1/4	1	/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of De∨iation			Radius of Turn			Direction	Total Length	
Measured ⁻	Total Depth		True Vertical Dep	pth		BHL From Lease, Unit, or Proper	ty Line:	
LATERAL	#3							
SEC	TWP	RGE		COUNTY				

Spot Locatio	-					1	
Spot Locatio					Feet From 1/4 Sec Lines	FSL	FWL
	1/4	1/4	1/4	1/4		I OL	1.002
Depth of			Radius of Turn		Direction	Total	
Deviation						Lenath	
Measured T	otal Depth		True Vertical Dep	oth	BHL From Lease, Unit, or Proper	ty Line:	

							RE	CID	
API 087-21985	PLEASE TYPE OR USE E NOTE		o		ORPORATIO	N COMMISSION			and a second and
OTC PROD. 087-213230		· · · ·		Oil & Ga	s Conservation	on Division		JUL 2	7 2017
	if recompletion of	or reentry.			ity, Oklahom	a 73152-2000	OKLAH		RPORATION
AMENDED (Reason)			_	сом	Rule 165:10-		\$100 G	COMMIS	SSION
		-	SPUD	DATE	2/22/	2014		640 Acres	
SERVICE WELL		HORIZONTAL HOLE		FINISHED	3/27/2		x		
COUNTY McCl	reverse for bottom hole location.	05N RGE 03	DATE	OF WELL					
LEASE	C.W. Harrison		COMF	PLETION	8/18/2				
NAME SE 1/4 NW 1/4 NW		NO.		OD DATE	5/5/2	2014 w			E
ELEVATION 976 Grou	1/4 SEC -	200 1/4 SEC 0	Longit	MP DATE					
Demck FL			OTC/OCC		33'45.2	* W			
NAME Red I	Rocks Oil & Gas Oper	-	OPERATOR	R NO.	226	49 —			
ADDRESS		. Robinson, St	e. 301						
	klahoma City	STATE	OK	ZIP	730	13 L		LOCATE WEL]
SINGLE ZONE		CASING & CEMEN							
MULTIPLE ZONE		TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
Application Date COMMINGLED			16			68			Surface
	621208		9 5/8	36	J55	1015		400	Surface
ORDER NO. INCREASED DENSITY	NA	INTERMEDIATE PRODUCTION	5 4 10	47	D 110	40047			
ORDER NO.		LINER	5 1/2	17	P110	10847		950	6410
								TOTAL	40.000
PACKER @ BRA PACKER @ BRA		_PLUG @	TYPE TYPE		PLUG @	TYPE		DEPTH	10,883
		N-202V100		/20	PLUG@	ADC -			
FORMATION	Viola			pson (Abo Creek)	re T				
SPACING & SPACING ORDER NUMBER	80ac. 338918			ac. 4161	4				
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil			Oil					
PERFORATED							-		
NTERVALS	9640 - 9734 OA		9984	4-10722	AC				
				gal 10% MF	₹ &				
ACID/VOLUME	None			1 7 1/2% M					
FRACTURE TREATMENT	5964 gals 20% gelled HCL						s North		
Fluids/Prop Amounts)	75.6k gals Slick water			see other					
	16.1k# 20/40 Ott. sd.		rem	narks pg.	2				
		wable (165:	10-17-7			Irchaser/Measurer			EOK
NITIAL TEST DATA		(165:10-13-3)			First S	ales Date		5/14/	2014
NITIAL TEST DATE	5/13/2014								
DIL-BBL/DAY	193								
DIL-GRAVITY (API)	39		m	/////	1111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1111		
GAS-MCF/DAY	889		<u>, m</u>				<u> </u>		
GAS-OIL RATIO CU FT/BBL	4606					ATTE			
VATER-BBL/DAY	583		H	J	JDI	MITTEI			
PUMPING OR FLOWING	Pumping		hand	,,,,,,,	,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	nh.		
NITIAL SHUT-IN PRESSURE	800 psi				/////		////—		
CHOKE SIZE	18/64								
LOW TUBING PRESSURE	500 psi								
A record of the formations dri	illed through, and pertinent remarks	s are presented on the	reverse. I der	clare that I ha	ve knowledge	of the contents of this	report and am	authorized by	my organization
to make this report, which was	s prepared by me or under my sup	ervision and direction, w	with the data a	ind facts state	ed herein to b	e true, correct, and com	plete to the be	st of my know	edge and belief.
JAIN DI	TURE		Merri (NAME (PRIN				7/28/201		5-600-3065
1141 N. Robin	son Ste. 301 C	klahoma City	OK	73103		merri.oliver	DATE Oredrock		
ADDRI	ESS	CITY	STATE	ZIP			EMAIL ADDF		

EXT 100

Form 1002A Rev. 2009

Give formation names and tops, if available, or de drilled through. Show intervals cored or drillstem	scriptions and thickness of formations	LEASE NAME C.W. Harrison 1-31
NAMES OF FORMATIONS	TOP	FOR COMMISSION USE ONLY
GIBSON	7,618	
HART	7,751	APPROVED DISAPPROVED
SPRINGER	7,874	2) Reject Codes
SYCAMORE	8,050	
WOODFORD	8,197	
HUNTON	8,506	
CHIMNEY HILL	9,002	
VIOLA	9,222	
BROMIDE DENSE	9,790	
OIL CREEK	10,723	Were open hole logs run? X yes no Date Last log was run 3/24/2014 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 below: yes X no
^{Other remarks:} Simpson (Above Oil (262k # 20/40 Ottawa sand & 73k s	Creel) fracture treatment detail # 20/40 resin coated sand.	ls - 301k gal 30# x-link, 87k gal slick water & 5kgal 20% gelled HCL;

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE		COUNTY				
Spot Locati	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 Property Line:			

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

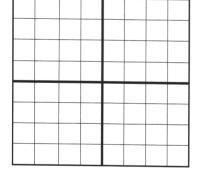
SEC	TWP	RGE		COUNTY			
Spot Loc	ation						
	1/4	1/4	1/4	1/	Feet From 1/4 Sec Lines	FSL	FWL
Depth of			Radius of Turn		Direction	Total	
Deviatior						Length	
Measured Total Depth True Vertical Dept		oth	BHL From Lease, Unit, or Pro				

LATERAL #2

PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD

SEC TWP	RGE		COUNTY			
Spot Location						
. 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of		Radius of Turn		Direction	Total	
Deviation					Length	
Measured Total Depth		True Vertical Dep	oth	BHL From Lease, Unit, or Pro		

SEC	TWP	RGE		COUNTY			
Spot Locat	tion 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of De∨iation			Radius of Turn		Direction	Total Length	
Measured Total Depth		True Vertical Dep	oth	BHL From Lease, Unit, or Pro			



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

_				