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

API No.: 35019259810000

Drill Type:

Location:

OTC Prod. Unit No.: 019-212167

Well Name: SIERRA RANCH 1-33

Completion Report

Drilling Finished Date: October 17, 2013 1st Prod Date: January 09, 2014 Completion Date: March 15, 2014

Spud Date: October 06, 2013

Purchaser/Measurer: DCP

First Sales Date: 02/12/2014

Operator: CHARTER OAK PRODUCTION CO LLC 21672

Latitude: 34.25602 Longitude: -97.52453 Derrick Elevation: 940 Ground Elevation: 927

1467 FNL 838 FWL of 1/4 SEC

DIRECTIONAL HOLE

CARTER 33 3S 3W

NW NE SW NW

13929 QUAIL POINTE DR OKLAHOMA CITY, OK 73134-1037

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

				С	asing and Cer	nent				
Т	уре		Size	Weight	Grade	Fe	et	PSI	SAX	Top of CMT
CONE	DUCTOR		16			4	0		7	SURFACE
SUF	RFACE		9 5/8	36	J-55	50)3		275	SURFACE
PRODUCTION			5 1/2	20	P-110	77	48		460	5730
					Liner					
Туре	Size	Wei	ght	Grade	Length	PSI	SAX	Тор	Depth	Bottom Dept
				There are	no Liner record	ds to displa	ay.			

Total Depth: 7757

Pao	:ker	PI	ug
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	Formati	ion	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
Mar 15, 2014	COMMINGI ZONE		13	41	80	6154	18	PUMPING	3000		
			Con	pletion and	l Test Data b	y Producing F	ormation	- -	-		
	Formation Na	ame: MORF	RIS		Code: 40	3MRRS	С	lass: OIL			
	Spacing	Orders				Perforated I	ntervals				
Orde	er No	U	nit Size		From	ı	Т	ō			
605	795		160		7164	ļ	72	25			
	Acid Vo	lumes				Fracture Tre	atments		7		
	4,500 GALLON	S 15% NEF	E	5	,276 BARRE	LS SLICK WAT SAND, 225 T(ER, 2,080 S ONS CO2	ACKS 20/40			
	Formation Na		ENTER		Code: 40	4CRPR		lass: OIL	-		
Orde			nit Size		From	_					
605			160		6970			`o	_		
	Acid Vo					Fracture Tre					
	4,500 GALLON	S 15% NEF	E	5	,276 BARRE	LS SLICK WAT SAND, 225 TO	ER, 2,080 S DNS CO2	ACKS 20/40			
	Formation Na	ame: TUSS'	Y		Code: 40	4TSSY	С	lass: OIL			
	Spacing	Orders				Perforated I	ntervals				
Orde	er No	U	nit Size		From	ı	Т	ō			
605	795		160		6730)	67	90			
	Acid Vo	lumes				Fracture Tre	atments		7		
	4,500 GALLON	S 15% NEF	Ē	5	5,276 BARRELS SLICK WATER, 2,080 SACKS 20/40 SAND, 225 TONS CO2						

Formation Name: FUSULINID	LOW	Code	: 404FSLDL	Class: OIL	
Spacing Orders			Perforated	Intervals]
Order No Unit Si	ze	F	From	То	1
605795 160		6	6374	6445]
Acid Volumes			Fracture Tre	eatments]
4,500 GALLONS 15% NEFE		5,276 BAF	RRELS SLICK WA SAND, 225 T	TER, 2,080 SACKS 20/40 ONS CO2]
Formation Name: COMMING	-E ALL ZONES	S Code	c	Class: OIL	
Formation	Тор		Were open hole	loas run? Yes	
LOWER FUSULINID		6320		a: October 18, 2013	
TUSSY		6660	Were unusual dr	rilling circumstances encount	tered? No
CARPENTER		6920	Explanation:	0	
MORRIS		7160			
VIOLA		7420			
Other Remarks					
IRREGULAR SECTION.					
		Bottc	om Holes		
Sec: 33 TWP: 3S RGE: 3W County: CARTER					
NW SE NW NW					
693 FNL 697 FWL of 1/4 SEC					
Depth of Deviation: 0 Radius of Turn: 0 Directio	n: 0 Total Lenç	gth: 0			
Measured Total Depth: 7757 True Vertical Dept	h [.] 7672 End F	Pt. Location Fro	om Release Unit o	r Property Line: 693	

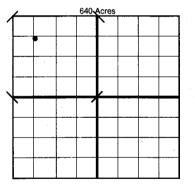
FOR COMMISSION USE ONLY

Status: Accepted

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								RR	CIP	INEI
API 35-019-25981	PLEASE TYPE				DUDI		TED	and the second		
NO. 33-019-23981 DTC PROD. JNIT NO. 019-212167	7 Attach cop	NOTE: v of origin	nal 1	////		/////		M	AR 2 4	2014
	if recomp	pletion or			Oklahoma C	ity, Oklahom	na 73152-2000			RPORATIO
✓ ORIGINAL AMENDED (Reason)						Rule 165:10 PLETION R			OMMIS	SION
TYPE OF DRILLING OPERA				- [SPUD DATE 10/			1	640 Acres	
SERVICE WELL	DIRECTIONAL HOLE		HORIZONTAL HOLE	•	DRLG FINISHED	0/13		· · · · ·		
f directional or horizontal, see	serverse for bottom hole SEC 33				DATE DATE OF WELL 3	0/1//1	3			
EASE Sierra Ranch		100-1	03S RGE 03W					÷	0	
NW ^{1/4} NE ^{1/4} SV		OF 110			IST PROD DATE 1	/9/14	w			
			FNL FWL OF 83			2450			1	
Demick 940 Gio				LOTO!	-ongitude if known) -97.52				1 ¹ .	
AME Charter Oa		5., LLC		OPER	ATOR NO. 2167	2				
ADDRESS 13929 Quai	I Pointe Dr.						v 1	· · · ·		
	· · · ·		STATE OK			3134	I		OCATE WE	iLL
SINGLE ZONE	·	ר ר	TYPE	IT (For Siz		GRADE	FEET	PSI	SAX	TOP OF CMT
MULTIPLE ZONE Application Date			CONDUCTOR	16			40'			Surface
COMMANDIED	9/14	s	SURFACE	9 5/	8" 36#	J-55	503'		275	Surface
OCATION N/A			NTERMEDIATE							
NCREASED DENSITY NCREASED DENSITY N/A	· · · ·		PRODUCTION	5 1/	2" 20#	P-110	7748'		460	5730'
		L	INER							
ACKER @BRA	ND & TYPE	P	2LUG @	1	YPE	PLUG @	TYPE	1997 - 19	TOTAL DEPTH	7760'
ACKER @ BRA		ORMATIO	HO3MR	RS	YPE	PLUG @	TYPE	404F5	DL	
OMPLETION & TEST DA	ND & TYPE		PLUG @ W 403/NR: Carpenter	RS	тре <i>404СКР_</i> Tussy	PLUG @ R/40		404F51		opitor
OMPLETION & TEST DA DRMATION PACING & SPACING RDER NUMBER	TA BY PRODUCING F		HO3MR	RS	, YOUCRP	PLUG@ R/40 Low	TYPE TYPE	YDYF51	M	gniter coart to F
OMPLETION & TEST DA DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj,	TA BY PRODUCING F		403 <u>mR</u> Carpenter	<u>85</u> 95	, <u>404CRP</u> Tussy	PLUG@ R/40 Low	TYPE 147557 ver Fusilinid	404F51	M	gpitor port to F
OMPLETION & TEST DA ORMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. Jisp, Comm Disp, Svc	TA BY PRODUCING F Morris 160 Ac 605795		<i>H03<u>M</u>R</i> Carpenter 160 Ac 6057	RS 95	<u>. 404CRP</u> Tussy 160 Ac 6057	PLUG @ R 40 Low 795 160 Oil	TYPE 147557 ver Fusilinid	404F51	M	gnitios epent to Fi
OMPLETION & TEST DA DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj, iisp, Comm Disp, Svc ERFORATED	TA BY PRODUCING F Morris 160 Ac 605798 Oil 7164' - 7165' 7180' - 7182'		<i>w 403/0</i> 73 Carpenter 160 Ac 60579 Oil 5970' - 6972' 5975' - 6977'	<u>85</u> 95	<u>. 404CRP</u> Tussy 160 Ac 6057 Oil	PLUG @ R 40 Low 795 160 Oil 6374	TYPE 147554 rer Fusilinid Ac 605795	404F51	M	onitios port to Fi
OMPLETION & TEST DA ORMATION PACING & SPACING RDER NUMBER LASS: OH, Gas, Dry, Inj, Disp, Comm Disp, Svc ERFORATED ITERVALS	TA BY PRODUCING F Morris 160 Ac 605795 Oil 7164' - 7165' 7180' - 7182' 7224' - 7225'	0RMATIO	W 403/07 Carpenter 160 Ac 60579 Oil 6970' - 6972' 6975' - 6977' 7105' - 7106'	<u>85</u> 95	<u>404CRP</u> Tussy 160 Ac 6057 Oil 6730' - 6736'	PLUG @ R 440 Low 295 160 Oil 6374 6385	TYPE rer Fusilinid Ac 605795 4' - 6376'	404F51	M	gnitior epent to Pr
OMPLETION & TEST DA DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj, bisp, Comm Disp, Svc ERFORATED ITERVALS	TA BY PRODUCING F Morris 160 Ac 605798 Oil 7164' - 7165' 7180' - 7182' 7224' - 7225' 4500 Gal 15% N	0RMATIO	47 403/07 Carpenter 160 Ac 6057 Oil 5970' - 6972' 5975' - 6977'	<u>85</u> 95	<u>, 404CRP</u> Tussy 160 Ac 6057 Oil 6730' - 6736' 6773' - 6775'	PLUG @ R 40 Low 795 160 Oil 6372 6385 6444	TYPE rer Fusilinid Ac 605795 4' - 6376' 5' - 6387'	404F51	M	opitor port to Fr
OMPLETION & TEST DA DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj, iisp, Comm Disp, Svc ERFORATED ITERVALS CID/VOLUME	TA BY PRODUCING F Morris 160 Ac 605798 Oil 7164' - 7165' 7180' - 7182' 7224' - 7225' 4500 Gal 15% N 5276 BBL slick w	DRMATION 5 1 6 6 7 7 8 7 8 7 7 8 7 8 7 7 8 7 8 7 7 8 7 8 7 8 7 8 7 8 7 8	W 403/07 Carpenter 160 Ac 60579 Oil 6970' - 6972' 6975' - 6977' 7105' - 7106'	<u>85</u> 95	<u>, 404CRP</u> Tussy 160 Ac 6057 Oil 6730' - 6736' 6773' - 6775' 6785' - 6790'	PLUG @ R 40 Low 795 160 Oil 6372 6385 6444	TYPE rer Fusilinid Ac 605795 4' - 6376' 5' - 6387' 4' - 6445'	404F51	M	opitor contro Fr
OMPLETION & TEST DA ORMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc ERFORATED ITERVALS CID/VOLUME RACTURE TREATMENT	TA BY PRODUCING F Morris 160 Ac 605795 Oil 7164' - 7165' 7180' - 7182' 7224' - 7225' 4500 Gal 15% N 5276 BBL slick w 2080 sx 20/40 sa	DRMATION 5 1 6 6 7 7 8 7 8 7 7 8 7 8 7 7 8 7 8 7 7 8 7 8 7 8 7 8 7 8 7 8	W 403/07 Carpenter 160 Ac 60579 Oil 6970' - 6972' 6975' - 6977' 7105' - 7106'	<u>85</u> 95	<u>, 404CRP</u> Tussy 160 Ac 6057 Oil 6730' - 6736' 6773' - 6775' 6785' - 6790'	PLUG @ R 40 Low 795 160 Oil 6372 6385 6444	TYPE rer Fusilinid Ac 605795 4' - 6376' 5' - 6387' 4' - 6445'	404F51	M	opitor port to Fr
ACKER @ BRA COMPLETION & TEST DA: ORMATION PACING & SPACING RADER NUMBER LASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc ERFORATED ITERVALS CID/VOLUME RACTURE TREATMENT Fuids/Prop Amounts)	A BY PRODUCING F Morris 160 Ac 605798 Oil 7164' - 7165' 7180' - 7182' 7224' - 7225' 4500 Gal 15% N 5276 BBL slick w 2080 sx 20/40 sa 225 tons CO2	DRMATION 5 1 6 6 7 7 8 7 8 7 7 8 7 8 7 7 8 7 8 7 7 8 7 8 7 8 7 8 7 8 7 8	47 403/17 Carpenter 160 Ac 60570 Oil 5970' - 6972' 5975' - 6977' 7105' - 7106' Treated with Mo	<u>85</u> 95	2 404CRP Tussy 160 Ac 6057 Oil 6730' - 6736' 6773' - 6775' 6785' - 6790' Treated with Mo	PLUG R 40 P95 160 Oil 6372 6385 6444 rris Trea	TYPE rer Fusilinid Ac 605795 4' - 6376' 5' - 6387' 4' - 6445' ated with Morris		M	opitor port to Fr
COMPLETION & TEST DA ORMATION PACING & SPACING IRDER NUMBER LASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc ERFORATED ITERVALS CID/VOLUME RACTURE TREATMENT Fluids/Prop Amounts)	TA BY PRODUCING F Morris 160 Ac 605798 Oil 7164' - 7165' 7180' - 7182' 7224' - 7225' 4500 Gal 15% N 5276 BBL slick w 2080 sx 20/40 sa 225 tons CO2	ORMATION 5 (6 6 7 7 eFe 1 vater 1 vater 1 nd 5 Gas Allowa OR	W 403/0R Carpenter 160 Ac 60579 Oil 6970' - 6972' 6975' - 6977' 7105' - 7106' Treated with Month hble (165:)	P5 prris	2 404CRP Tussy 160 Ac 6057 Oil 6730' - 6736' 6773' - 6775' 6785' - 6790' Treated with Mo	PLUG @ R 40 P95 160 Oil 6372 6385 6444 rris Trea Gas Pr	TYPE rer Fusilinid Ac 605795 4' - 6376' 5' - 6387' 4' - 6445'	<u>404751</u>		opitor port to Fr
COMPLETION & TEST DA ORMATION PACING & SPACING PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc ERFORATED ITERVALS CID/VOLUME RACTURE TREATMENT	TA BY PRODUCING F Morris 160 Ac 605798 Oil 7164' - 7165' 7180' - 7182' 7224' - 7225' 4500 Gal 15% N 5276 BBL slick w 2080 sx 20/40 sa 225 tons CO2 Min Oil A	ORMATION 5 1 6 6 7 7 8 FeFe 1 7 7 8 FeFe 1 7 7 8 FeFe 1 7 9 8 8 8 8 9 8 9 8 9 8 9 9 8 9 9 9 9 9	403/1R: Carpenter 160 Ac 60576 Oil 63970' - 6972' 53975' - 6977' 7105' - 7106' Treated with Mo able (165:10-13-3)	R.S. 95 00000000000000000000000000000000000	2 404CRP Tussy 160 Ac 6057 Oil 6730' - 6736' 6773' - 6775' 6785' - 6790' Treated with Mo	PLUG R 40 PS5 160 Oil 6372 6385 6444 rris Trea Gas Pl First S	TYPE P47557 rer Fusilinid Ac 605795 4' - 6376' 5' - 6387' 4' - 6445' ated with Morris urchaser/Measurer Sales Date			opitor port to Fr
COMPLETION & TEST DA ORMATION PACING & SPACING IRDER NUMBER LASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc ERFORATED ITERVALS CID/VOLUME RACTURE TREATMENT Fluids/Prop Amounts)	TA BY PRODUCING F Morris 160 Ac 605799 Oil 7164' - 7165' 7180' - 7182' 7224' - 7225' 4500 Gal 15% N 5276 BBL slick w 2080 sx 20/40 se 225 tons CO2 Min Oil A 3/15/14	ORMATION 5 1 6 6 7 7 8 FeFe 1 7 7 8 FeFe 1 7 7 8 FeFe 1 7 9 8 8 8 8 9 8 9 8 9 8 9 9 8 9 9 9 9 9	W 403/0R Carpenter 160 Ac 60579 Oil 6970' - 6972' 6975' - 6977' 7105' - 7106' Treated with Month hble (165:)	R.S. 95 00000000000000000000000000000000000	2 404CRP Tussy 160 Ac 6057 Oil 6730' - 6736' 6773' - 6775' 6785' - 6790' Treated with Mo	PLUG R 40 PS5 160 Oil 6372 6385 6444 rris Trea Gas Pl First S	TYPE rer Fusilinid Ac 605795 4' - 6376' 5' - 6387' 4' - 6445' ated with Morris			opitor pent to Fr
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OMPLETION & TEST DA ORMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj, Jisp, Comm Disp, Svc ERFORATED ITERVALS CID/VOLUME RACTURE TREATMENT Fuids/Prop Amounts) INTIAL TEST DATE IL-BBL/DAY IL-GRAVITY (API) AS-MCF/DAY	TA BY PRODUCING F Morris 160 Ac 605799 Oil 7164' - 7165' 7180' - 7182' 7224' - 7225' 4500 Gal 15% N 5276 BBL slick w 2080 sx 20/40 se 225 tons CO2 Min Oil A 3/15/14 13 41.0 80	DRMATION 5 1 6 6 7 7 eFe 1 vater 1 vate	403/1R: Carpenter 160 Ac 60576 Oil 63970' - 6972' 53975' - 6977' 7105' - 7106' Treated with Mo able (165:10-13-3)	R.S.	2 404CRP Tussy 160 Ac 6057 Oil 6730' - 6736' 6773' - 6775' 6785' - 6790' Treated with Mo	PLUG R 40 PS5 160 Oil 6372 6385 6444 rris Trea Gas Pl First S	TYPE P47557 rer Fusilinid Ac 605795 4' - 6376' 5' - 6387' 4' - 6445' ated with Morris ated with Morris urchaser/Measurer Sales Date			anitor pent to Fr
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COMPLETION & TEST DA ORMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc ERFORATED ITERVALS CID/VOLUME RACTURE TREATMENT Tuids/Prop Amounts)	A BY PRODUCING F Morris 160 Ac 605795 Oil 7164' - 7165' 7180' - 7182' 7224' - 7225' 4500 Gal 15% N 5276 BBL slick w 2080 sx 20/40 sa 225 tons CO2 Min 0II A 3/15/14 13 41.0 80 6153.85 18 Pumping	DRMATION 5 1 6 6 7 7 eFe 1 vater 1 vate	403/1R: Carpenter 160 Ac 60576 Oil 63970' - 6972' 53975' - 6977' 7105' - 7106' Treated with Mo able (165:10-13-3)	R.S.	2 404CRP Tussy 160 Ac 6057 Oil 6730' - 6736' 6773' - 6775' 6785' - 6790' Treated with Mo	PLUG R 40 PS5 160 Oil 6372 6385 6444 rris Trea Gas Pl First S	TYPE P47557 rer Fusilinid Ac 605795 4' - 6376' 5' - 6387' 4' - 6445' ated with Morris ated with Morris urchaser/Measurer Sales Date			apitor pertto Fr
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NAMES OF FORMATIONS	ТОР	FOR COMMISSION USE ONLY
Lower Fusulinid	6320'	ITD on file YES NO
Tussy	6660'	2) Reject Codes
Carpenter	6920'	
Morris	7160'	
Viola	7420'	
		Were open hole logs run? ✓ yes no Date Last log was run October 18, 2013 Was CO2 encountered? yes ✓ no at what depths? Was H ₂ S encountered? yes ✓ no at what depths?
		Was H ₂ S encountered? yes no at what depths? Were unusual drilling circumstances encountered? yes no If yes, briefly explain below
Other remarks:		
	··	



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

	0407	40165		

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

^{SEC} 33	TWP 03S	RGE	03W		COUNT	^r Car	ter		
Spot Locat NW	ion 1/4 SE	1/4	NW	1/4	NW	1/4	Feet From 1/4 Sec Lines	^{FSL} 693' FNL	FWL 697'
Measured	Total Depth		True Ve	tical Dep	oth		BHL From Lease, Unit, or Pr	roperty Line:	
7757			7672				693' FNL & 697'	FWL	1 a

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

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

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

LATERAL #3

SEC	TWP	RGE			COUNTY			
Spot Locat	ion 1/4	1/4		1/4	1/	Feet From 1/4 Sec Lines	FSL	FWL
Depth of	1/4		Radius			Direction	Total	
Deviation					_		Length	
Measured	Total Depth		True Ve	ertical De	pth	BHL From Lease, Unit, or Pro	operty Line:	
						and the second second		

