# 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.: 129-206557 Drilling Finished Date: September 14, 2011

1st Prod Date: October 22, 2011

Completion Date: October 22, 2011

Drill Type: HORIZONTAL HOLE

Well Name: MOORE 5-14H Purchaser/Measurer:

Location: ROGER MILLS 14 11N 23W

SE SW SW SW 235 FSL 500 FWL of 1/4 SEC

Derrick Elevation: 2089 Ground Elevation: 2072

Operator: CRAWLEY PETROLEUM CORPORATION 7980

105 N HUDSON AVE STE 800 OKLAHOMA CITY, OK 73102-4803

	Completion Type
Х	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
584547
590387

Increased Density
Order No
584545

First Sales Date:

		Cas	sing and Ceme	nt			
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	40	J-55 / K-55	1483		762	SURFACE
INTERMEDIATE	7	26	P-110	10840		463	2996

				Liner				
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	13.5	P-110 LTC /	5465	0	0	10635	

Total Depth: 16100

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

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

November 16, 2011 1 of 2

				Initial Tes	t 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
Oct 24, 2011	COTTAGE GROVE	1485		5717	3850	710	FLOWING	1700	38/64	1060

### **Completion and Test Data by Producing Formation**

Formation Name: COTTAGE GROVE

Code: 405CGGV

Class: OIL

Spacing	) Orders
Order No	Unit Size
183282	640

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

### **Acid Volumes**

There are no Acid Volume records to display.

## **Fracture Treatments**

52,456 BW, 1,989,210 POUNDS 20/40 TERRAPROP PLUS, 388,570 POUNDS 20/40 TERRAPROP G2

Formation	Тор
COTTAGE GROVE	11250

Were open hole logs run? No Date last log run:

Were unusual drilling circumstances encountered? No Explanation:

# Other Remarks

OCC - OPERATOR SET DV TOOL 6,020', USED 353 SACKS CEMENT SECOND STAGE. WELL IS AN OPEN HOLE COMPLETION FROM 10,840' TO 16,100'.

# **Lateral Holes**

Sec: 14 TWP: 11N RGE: 23W County: ROGER MILLS

SE NW NW NW

362 FNL 583 FWL of 1/4 SEC

Depth of Deviation: 10840 Radius of Turn: 12 Direction: 356 Total Length: 4610

Measured Total Depth: 16100 True Vertical Depth: 11322 End Pt. Location From Release, Unit or Property Line: 362

# FOR COMMISSION USE ONLY

1112464

Status: Accepted

November 16, 2011 2 of 2

129-23514 C PROD. UNIT NO.	PLEASE TYPE OR US NOTE: Attach copy of original					TION COMP ation Division	MISSION TO)		MAI.	Form 100 Rev. 200
129-206557	Attach Copy of Original	AAS	S SUB	MIT	EDI	ox 52000 oma 73152-20	··· [VATE			
ORIGINAL	3			4-11		<b>)-3-2</b> 5		UU 1 2	<b>8</b> 2011	
AMENDED Reason Amended	3					REPORT	OZ. A		00000	
PE OF DRILLING OPERATION		*******	<u> </u>	SPUD DATE	21.2 22.73		<sub>I</sub> OKLA	HOMA C		ation
_ STRAIGHT HOLE SERVICE WELL	_ DIRECTIONAL HOLE	_X_HOF	RIZONTAL HOLE			6/30/2011	ļ <u>, , , , , , , , , , , , , , , , , , ,</u>	COMM	<u> 18810N</u>	
SERVICE WELL irectional or horizontal, see n	everse for bottom hole locat	tion.		DRLG FINISHED		9/14/2011				
UNTY	SEC	TWP	RGE	WELL COMPLETI	0	4010010044				
ROGER I	MILLS 14	11N WELL NO.	23W	1ST PROD DATE		10/22/2011	<u> </u>			
	MOORE	110.	5-14H	131 FROD BATE		10/22/2011				
L 4/4 000 4/4 000	FSL		FWL OF 1/4 SEC	RECOMP DATE						
1/4 SW 1/4 SW EVATION	1/4 SW 1/4	235 de if Known	500	Longitude if Know			w			E
rrick FI 2089	Ground 2072	QG II NIIOWII	35°25'19.7"N	Longitude ii Kriow		5'33.5"W				
ERATOR NAME	AWLEY PETROLEU	M CORR	OBATION		OPERATOR N	IO.				
DRESS	AVILET PETROLEU	W CORP	URATION	07980			<u> </u>			
	ON, STE. 800									
OKLAHOMA CITY			STATE	ZIP	73102-4	803				
		_						LOCATE	WELL	
MPLETION TYPE SINGLE ZONE		1	CASING & CEMEN	IT (Form 1002C mi	est be attache	ed)				,
(			IYME	SKE	WEIGH	GRADE	PEEI	PSI	SAX	101
MULTIPLE ZONE Application Date		1	Conductor							
COMMINGLED		-	Surface		+	_				
Application Date	2.10			9-5/8"	40#	J-55 / K-55	1483'		762	SURFACE
CATION EXCEPTION ORDE 5845			Intermediate	7"	26#	P-110	10,840'		463	2996'
REASED DENSITY ORDER			Production		+		70,010	-		
5845	45	]				D 540	10635-	Open	HOIA	
						P-110	10600-	Open	LOIG	
			Liner	4.5"	13.5#	LTC/BTC	16.100'	Compl	letion	- <del>10.635'-</del>
				4.5"	13.5#	LTC/BTC	16,100'	Compi		<del>-10,635'-</del>
	ND & TYPE	PLU-	[ G@	TYPE	PLUG @	LTC/BTC	TYPE	<u> </u>	L DEPTH	16,100°
CKER @ BRA	ND & TYPE	PLU	G @	TYPE TYPE		LTC/BTC	-	<u> </u>		
CKER @ BRAI	ND & TYPE	PLU	[ G@	TYPE TYPE	PLUG @	LTC/BTC	TYPE	<u> </u>		
BRAI	ND & TYPE	PLU ON 4	G @	TYPE TYPE	PLUG @	LTC/BTC	TYPE	<u> </u>		
CKER @ BRAI MIPLETION & TEST DATA E RMATION ACING & SPACING	ND & TYPE  BY PRODUCING FORMATION  COTTAGE GROV	ON L	G @	TYPE TYPE	PLUG @	LTC/BTC	TYPE	<u> </u>		
CKER @ BRAI MPLETION & TEST DATA E RMATION ACING & SPACING DER NUMBER	ND & TYPE	ON L	G @	TYPE TYPE	PLUG @	LTC/BTC	TYPE	<u> </u>		
CKER @ BRAI MIPLETION & TEST DATA E RMATION  ACING & SPACING DER NUMBER  ASS: Oil, Gas, Dry,	ND & TYPE  BY PRODUCING FORMATION  COTTAGE GROV	ON L	G @	TYPE TYPE	PLUG @	LTC/BTC	TYPE	<u> </u>		
MPLETION & TEST DATA E RMATION  ACING & SPACING DESCRIPTION  ASS: Oil, Gas, Dry, Disp, Comm Disp, Svc	ND & TYPE  BY PRODUCING FORMATIC  COTTAGE GROV  640 Acres; 1832	ON L	G @	TYPE TYPE	PLUG @	LTC/BTC	TYPE	<u> </u>		
MPLETION & TEST DATA E RMATION  ACING & SPACING DER NUMBER ASS: Oil, Gas, Dry, Disp, Comm Disp, Svc  RFORATED	COTTAGE GROVE 640 Acres; 1832 Oil Open Hole	ON L	G @	TYPE TYPE	PLUG @	LTC/BTC	TYPE	<u> </u>		
MPLETION & TEST DATA E RMATION  ACING & SPACING DER NUMBER ASS: Oil, Gas, Dry, Disp, Comm Disp, Svc  RFORATED	ND & TYPE  BY PRODUCING FORMATIC  COTTAGE GROV  640 Acres; 1832	ON L	G @	TYPE TYPE	PLUG @	LTC/BTC	TYPE	<u> </u>		
MPLETION & TEST DATA E RMATION  ACING & SPACING DER NUMBER ASS: Oil, Gas, Dry, Disp, Comm Disp, Svc  RFORATED ERVALS	COTTAGE GROVE 640 Acres; 1832 Oil Open Hole	ON L	G @	TYPE TYPE	PLUG @	LTC/BTC	TYPE	<u> </u>		
MPLETION & TEST DATA E RMATION  ACING & SPACING DER NUMBER ASS: Oil, Gas, Dry, Disp, Comm Disp, Svc  RFORATED ERVALS  ID/VOLUME cture Treatment	ND & TYPE  BY PRODUCING FORMATION  COTTAGE GROV  640 Acres; 1832  Oil  Open Hole  Completion	ON L	G @	TYPE TYPE	PLUG @	LTC/BTC	TYPE	<u> </u>		
MPLETION & TEST DATA E RMATION  ACING & SPACING DER NUMBER ASS: Oil, Gas, Dry, Disp, Comm Disp, Svc  RFORATED ERVALS  DIVOLUME cture Treatment	COTTAGE GROVE 640 Acres; 1832 Oil Open Hole	ON L	G @	TYPE TYPE	PLUG @	LTC/BTC	TYPE	<u> </u>		
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MPLETION & TEST DATA E RMATION  ACING & SPACING DER NUMBER ASS: Oil, Gas, Dry, Disp, Comm Disp, Svc  RFORATED TERVALS  ID/VOLUME Icture Treatment	OPEN HOLE COMPLETION COTTAGE GROUND COTTAGE GROUND COMPLETION COMP	PLU VE	G@ G@ 	TYPE TYPE	PLUG @	LTC/BTC	TYPE	<u> </u>		
CKER @ BRAI MPLETION & TEST DATA E RMATION	ND & TYPE  BY PRODUCING FORMATION COTTAGE GROVE 640 Acres; 1832  Oil Open Hole Completion  52,456 BW  1,989,210# 20/40 Tel 388,570# 20/40 Tel	PLU ON VE 82 Properties of the contract of the	G @	TYPE TYPE	PLUG @	LTC/BTC	TYPE TYPE	TOTAL		
MPLETION & TEST DATA E RMATION  ACING & SPACING DER NUMBER ASS: Oil, Gas, Dry, Disp, Comm Disp, Svo  RFORATED TERVALS  ID/VOLUME Icture Treatment Lids/Prop Amounts)	ND & TYPE  BY PRODUCING FORMATIC  COTTAGE GROV  640 Acres; 1832  Oil  Open Hole  Completion  52,456 BW  1,989,210# 20/40 Tel  Request minimum	PLU ON VE 82 Properties of the contract of the	G@	TYPE TYPE	PLUG @	LTC/BTC	TYPE TYPE	<u> </u>		
MPLETION & TEST DATA E RMATION  ACING & SPACING DER NUMBER ASS: Oil, Gas, Dry, Disp, Comm Disp, Svc  RFORATED ERVALS  ID/VOLUME cture Treatment Lids/Prep Amounts)	OPENDE STYPE  SY PRODUCING FORMATION COTTAGE GROVE 640 Acres; 1832  Oil Open Hole Completion  52,456 BW  1,989,210# 20/40 Tel Request minimum (185:10-17-7)	PLU ON VE 82 Properties of the contract of the	G@	TYPE TYPE	PLUG @	LTC/BTC	TYPE TYPE	TOTAL		
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BRAI MPLETION & TEST DATA E MMATION  ACING & SPACING DER NUMBER LSS: Oil, Gas, Dry, Disp, Comm Disp, Svc  RFORATED ERVALS  DIVOLUME ture Treatment ids/Prop Amounts)  TAL TEST DATA  TIAL TEST DATE  -BBL/DAY  -GRAVITY (API)  S-MCF/DAY	ND & TYPE  BY PRODUCING FORMATION COTTAGE GROVE 640 Acres; 1832  Oil Open Hole Completion  52,456 BW  1,989,210# 20/40 T  388,570# 20/40 Tel (185:10-17-7) 10/24/2011 1485 BO  5717 MCF	PLU ON VE 82 Properties of the contract of the	G@	TYPE TYPE	PLUG @	LTC/BTC	TYPE TYPE	TOTAL		
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OKC

OK STATE

73102-4803 ZIP

105 N. Hudson, Ste. 800 ADDRESS

<u>paulaw@crawleypetroleum.com</u> <u>EMAIL ADDRESS</u>

# PLEASE TYPE OR USE BLACK INK ONLY

FORMATION RECORD Give formation names and tops, if available, or descriptions and thickness of formations LEASE NAME drilled through. Show intervals cored or drillstem tested. MOORE WELL NO. 5-14H NAMES OF FORMATIONS TOP FOR COMMISSION USE ONLY **COTTAGE GROVE** 11250 ITD on file TYES - NO APPKUVEU DISAPPROVED 2) Reject Codes vvere open note logs run? ves X no Date Last log was run vvas CO2 encountered? x at what depths? ves no vvas H25 encountered? Х at what depths? ves no vvere unusual unling circumstances encountered? ir yes, prieriy explain. OCC - operator set DV tool 6020 used 353 sacks cement 2nd stage. Well is an open hole completion from 10,840 to 16,100 Other remarks: 640 Acres BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE
SEC TWP RGE COUNTY Feet From 1/4 Sec Lines Spot Location 1/4 FSL HWL 1/4 1/4 1/4 Measured Total Depth True Vertical Depth BHL From Lease, Unit, or Property Line: BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS) LATERAL #1 COUNTY 11N 23W **ROGER MILLS** Spot Location NE 1/4 eet From 1/4 Sec Lines 362' FNL 1/4 583' **FWL** SE 1/4 NW 1/4 NW Depth of Deviation Radius of Turn Direction Total Length 10840 12° 356° 4610 Measured Total Depth True Vertical Depth End Pt Location From Lease, Unit or Property Line: If more than three drainholes are proposed, attach a 4924' FSL & 583' FWL 16,100' 11,322.68 separate sheet indicating the necessary information. Direction must be stated in degrees azimuth. LATERAL #2 COUNTY Please note, the horizontal drainhole and its end SEC RGE point must be located within the boundaries of the lease or spacing unit. Feet From 1/4 Sec Lines Spot Location 1/4 **FSL FWL** Directional surveys are required for all drainholes and directional wells. Depth of Deviation Radius of Tum Direction Total Length 640 Acres Measured Total Depth End Pt Location From Lease, Unit or Property Line: True Vertical Depth ATERAL #3 SEC TWP RGE COUNTY Spot Location Feet From 1/4 Sec Lines FSL **HWL** 1/4 1/4 Depth of Deviation Radius of Turn Direction Total Length Measured Total Depth End Pt Location From Lease, Unit or Property Line: True Vertical Depth