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.: 119-208731 Drilling Finished Date: June 08, 2012

1st Prod Date: July 20, 2012

Completion Date: June 21, 2012

Drill Type: HORIZONTAL HOLE

Location:

Min Gas Allowable: Yes

Well Name: STILES 31-1MH Purchaser/Measurer: DCP

PAYNE 31 18N 5E First Sales Date: 07/20/2012

NE NE NW NW 175 FNL 1280 FWL of 1/4 SEC

Derrick Elevation: 840 Ground Elevation: 818

Demok Elevation. 040 Ground Elevation. 010

Operator: CALYX ENERGY LLC 22299

10820 E 45TH ST STE 208 TULSA, OK 74146-3807

Completion Type		Location Exception
Х	Single Zone	Order No
	Multiple Zone	601587
	Commingled	

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	40	K-55	858		300	SURFACE
PRODUCTION	7			4022	_	250	4044

Liner								
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	N-80	3737	0	310	3970	7707

Total Depth: 7711

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

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

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	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
Aug 04, 2012	MISSISSIPPIAN	130	40	497	3823	1393	PUMPING			

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: OIL

Spacing Orders				
Order No	Unit Size			
596973	640			

Perforated Intervals		
From	То	
4370	7675	

Acid Volumes 780 BARRELS 15% HCL

Fracture Treatments		
54,059 BARRELS SLICKWATER, 985,562 POUNDS SAND		

Formation	Тор
BIG LIME	2961
OSWEGO LS	3009
LOWER SKINNER	3280
PINK LS	3332
RED FORK SS	3482
BARTLESVILLE SS	3664
MISSISSIPPIAN LS	3744

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

Explanation:

Were unusual drilling circumstances encountered? No

Other R	Remarks
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IRREGULAR SECTION

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Lateral Holes

Sec: 31 TWP: 18N RGE: 5E County: PAYNE

SW NE SW SW

800 FSL 777 FWL of 1/4 SEC

Depth of Deviation: 2979 Radius of Turn: 6 Direction: 181 Total Length: 4324

Measured Total Depth: 7711 True Vertical Depth: 3785 End Pt. Location From Release, Unit or Property Line: 777

FOR COMMISSION USE ONLY

1119805

Status: Accepted

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PLEASE TYPE OR USE BLACK INK ONLY

FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations LEASE NAME

STILES

WELL NO. 31-1MH

NAMES OF FORMATIONS	ТОР
TOPS ARE TVD ONLY	
Big Lime	2961
Oswego Ls.	3009
Lower Skinner	3280
Pink Ls.	3332
Red Fork Ss.	3482
Bartlesville Ss.	3664
Mississippian Ls.	3744

		FOF	R COI	MMIS	SION USE ONLY
ITD on file APPROVED	YES DISAPP	NO PROVED	2) R	teject (Codes
			_		
			_		
Were open hol	e logs run?	yes	x	no	
Date Last log v	was run				
Was CO ₂ enco	ountered?	yes	<u>x</u>	no	at what depths?

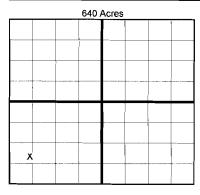
yes x no at what depths?

no

Other compariso	 	
Other remarks:		

Was H₂S encountered?

If yes, briefly explain.



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									

SEC	TWP	RGE	COUNTY			
Spot Location				Feet From 1/4 Sec Lines		
1/4	1/4	1/4	1/4		FSL	⊦₩

Were unusual drilling circumstances encountered?

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

- to Francis	~ ~~												
SEC		31	TWN	18 N	RGE 5	E	COUN	PA	/NE				
Spot Lo			NW	1/4	sw	1/4	sw	1/4	Feet From 1/4 Sec Lines	4480'	FNL.	4502'	+EL
Depth	of De	eviatio	on	2979	Radius	of Turn	6 DE	G/100FT	Direction 18	Total Le	ngth		4,324
Measu	red T	otal	Depth	True	Vertical	Depth		End Pt Lo	cation From Lease, Unit or	Property L	ine:		
	7	7711			37	786		520' FW	L, 772' FSL				

LATERAL #2 TWP RGE COUNTY Feet From 1/4 Sec Lines Spot Location **FWL** 1/4 **FSL** Depth of Deviation Radius of Turn Direction Total Length Measured Total Depth True Vertical Depth End Pt Location From Lease, Unit or Property Line:

LATERAL #3 TWP COUNTY SEC RGE Spot Location 1/4 Feet From 1/4 Sec Lines 1/4 1/4 1/4 ۲SL FVVL Depth of Deviation Total Length Radius of Turn Direction Measured Total Depth End Pt Location From Lease, Unit or Property Line: True Vertical Depth