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

API No.: 35083244420000

OTC Prod. Unit No.: 083-225524

Completion Report

Spud Date: January 14, 2019

Drilling Finished Date: May 04, 2019 1st Prod Date: May 22, 2019 Completion Date: May 21, 2019

Min Gas Allowable: Yes

Purchaser/Measurer: GSPM

First Sales Date: 5/28/2019

Drill Type:	HORIZONTAL HOLE

Well Name: BIG ZWEY 18-04-18 1MH

Location: LOGAN 19 18N 4W NE NW NW NW 210 FNL 450 FWL of 1/4 SEC Latitude: 36.0287 Longitude: -97.67413 Derrick Elevation: 1076 Ground Elevation: 1055

Operator: CHISHOLM OIL & GAS OPERATING LLC 23991

1 W 3RD ST STE 1700 TULSA, OK 74103-3522

	Completion Type	Location Exception	Increased Density			
Х	Single Zone	Order No	Order No			
	Multiple Zone	705919	There are no Increased Density records to display.			
	Commingled	702307*				

Casing and Cement											
Т	Туре		Size	Weight	Grade	Feet		PSI SAX		Top of CMT	
CONI	OUCTOR	CTOR 20 0)			SURFACE				
SUI	SURFACE		9 5/8	40	J-55	47	'1		250	SURFACE	
PROE	UCTION		7	29	P-110	66	63		275	3429	
Liner											
Туре	Size	Weig	ht	Grade	Length	PSI	SAX	Top Depth		Bottom Depth	
LINER	4 1/2	13.5	5	P-110	5039	0	0 0 6466		11505		

Total Depth: 11505

Pac	ker	Plu	ŋ	
Depth	Brand & Type	Depth Plug Type		
6663-11505	SWELL PACKERS OPEN HOLE COMPLETION	There are no Plug records to display.		

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
Jun 25, 2019	MISSISSIPPIAN	315	40	1642	5212	747	ESP		64/64	116
		Con	npletion and	Test Data k	y Producing F	ormation				
	Formation Name: MISS	ISSIPPIAN		Code: 35	9MSSP	С	lass: OIL			
Spacing Orders				Perforated Intervals						
Orde	r No U	Init Size		From To						
686	005	640		There are no Perf. Intervals records to display.						
Acid Volumes				Fracture Treatments						
36,288 GALS 15% HCL			54	540,924 LBS 100 MESH SAND, 3,182,270 LBS 30/50 SAND						
				9,043,020 GALS SLICKWATER						

Formation	Тор
CHECKERBOARD	5501
BIG LIME	5690
OSWEGO 3	5812
VERDIGRIS	5902
PINK LIME	5981
MISSISSIPPIAN	6073
MISSISSIPPIAN SH 3	6124
OSAGE	6200
OSAGE 4	6296
OSAGE 6	6398
OSAGE 6B	6428

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks

*OCC - ORDER 702309 INCORPORATES EXCEPTION TO RULE 165:10-3-28(C)(2)(B)

OCC - THIS IS AN OPEN HOLE COMPLETION FROM THE BOTTOM OF THE 7" AT 6663' TO TERMINUS AT 11505'. THE 4 1/2 LINER IS NOT CEMENTED.

OCC - PERFORATIONS NOTED AS 6,663' - 11,505'

 Lateral Holes

 Sec: 18 TWP: 18N RGE: 4W County: LOGAN

 NE
 NW

 NE
 NW

 160 FNL
 373 FWL of 1/4 SEC

 Depth of Deviation: 5920 Radius of Turn: 480 Direction: 359 Total Length: 4830

 Measured Total Depth: 11505 True Vertical Depth: 6371 End Pt. Location From Release, Unit or Property Line: 160

Status: Accepted