

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

Form 1002A

API No.: 35083243540002

Completion Report

Spud Date: June 17, 2018

OTC Prod. Unit No.: 083-224127

Drilling Finished Date: July 07, 2018

1st Prod Date: August 20, 2018

Completion Date: August 13, 2018

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: EMMERICH 2-6H

Purchaser/Measurer: SUPERIOR PIPELINE CO, LLC

Location: LOGAN 6 17N 4W
SE SW SE SE
200 FSL 950 FEL of 1/4 SEC
Derrick Elevation: 1184 Ground Elevation: 1161

First Sales Date: 08/20/2018

Operator: STEPHENS PRODUCTION CO 23030
PO BOX 2407
623 GARRISON AVE
FORT SMITH, AR 72902-2407

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	664325		There are no Increased Density records to display.	
	Commingle				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20			80		8	SURFACE
SURFACE	9.625	36	J-55	540		185	SURFACE
PRODUCTION	7	29	P-110	6812		245	4229

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	13.5	P-110	4926	0	0	6562	11488

Total Depth: 11488

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
6523	AS III	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
Aug 21, 2018	MISSISSIPPIAN	97	38.5	1	10	1245	FLOWING		NO	129

Completion and Test Data by Producing Formation									
Formation Name: MISSISSIPPIAN				Code: 359MSSP			Class: OIL		
Spacing Orders				Perforated Intervals					
Order No		Unit Size		From			To		
632408		640		There are no Perf. Intervals records to display.					
Acid Volumes				Fracture Treatments					
1,320 BARRELS 15% HCL				6,959,740 POUNDS SAND, 273,357 BARRELS FLUID					

Formation	Top
BIG LIME	5949
SKINNER	6169
MISSISSIPPIAN	6388

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
SWELLABLE PACKERS USED ON 4.5" LINER. OCC - THIS WELL IS AN OPEN HOLE COMPLETION FROM BOTTOM OF THE 7" CASING AT 6,812' TO TERMINUS AT 11,488'. THE 4 1/2" LINER IS NOT CEMENTED. OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN ISSUED.

Lateral Holes
<div>Sec: 6 TWP: 17N RGE: 4W County: LOGAN</div> <div>NE NE NW NE</div> <div>155 FNL 1490 FEL of 1/4 SEC</div> <div>Depth of Deviation: 6061 Radius of Turn: 757 Direction: 353 Total Length: 3256</div> <div>Measured Total Depth: 11488 True Vertical Depth: 6718 End Pt. Location From Release, Unit or Property Line: 155</div>

FOR COMMISSION USE ONLY
<div>Status: Accepted</div> <div>1141521</div>

RECEIVED

SEP 04 2018

Oklahoma Corporation
Commission

Form 1002A
Rev. 2009

API NO. 083-24354
OTC PROD. UNIT NO. 083-22412

PLEASE TYPE OR USE BLACK INK ONLY
NOTE:

Attach copy of original 1002A
if recompletion or reentry.

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

☒ ORIGINAL
☐ AMENDED (Reason)

COMPLETION REPORT

TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE
☐ SERVICE WELL

If directional or horizontal, see reverse for bottom hole location.

COUNTY	Logan	SEC	6	TWP	17N	RGE	4W	SPUD DATE	06-17-18
LEASE NAME	Emmerich			WELL NO.	2-6H			DRLG FINISHED DATE	07-07-18
SE 1/4 SW 1/4 SE 1/4 SE 1/4	200			FSL OF 1/4 SEC	950			DATE OF WELL COMPLETION	08-13-18
ELEVATION N Derrick	1184	Ground	1161	Latitude (if known)	35°58'17"N			1st PROD DATE	08-20-18
OPERATOR NAME	Stephens Production Company			OTC/OCC OPERATOR NO.	23030				
ADDRESS	P.O. Box 2407								
CITY	Ft. Smith			STATE	AR		ZIP	72902	

640 Acres

LOCATE WELL

COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE
<input type="checkbox"/> MULTIPLE ZONE
Application Date
<input type="checkbox"/> COMINGLED
Application Date
LOCATION
EXCEPTION ORDER
INCREASED DENSITY
ORDER NO.

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR	20			80		8	surface
SURFACE	9.625	36#	J55	540		185	surface
INTERMEDIATE	7	29#	P-110	6,812		245	4,229
PRODUCTION							
LINER	4.5	13.5#	P-110	11,488-6562			4,926
							11,488

PACKER @ 6523' BRAND & TYPE AS III PLUG @ TYPE PLUG @ TYPE
PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE

COMPLETION & TEST DATA BY PRODUCING FORMATION 359MSSP

FORMATION	Mississippian						
SPACING & SPACING ORDER NUMBER	640 ac/632408						
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil						
PERFORATED INTERVALS	-6900'-11,488'						
	open hole						
ACID/VOLUME	15% HCL/1320 bbl						
FRACTURE TREATMENT (Fluids/Prop Amounts)	6,959,740# sand						
	273,357 bbl fluid						

Min Gas Allowable (165:10-17-7) OR Gas Purchaser/Measurer Superior Pipeline Co, LLC
Oil Allowable (165:10-13-3) First Sales Date 8/20/2018

INITIAL TEST DATA

INITIAL TEST DATE	8/21/2018				
OIL-BBL/DAY	97				
OIL-GRAVITY (API)	38.5				
GAS-MCF/DAY	1				
GAS-OIL RATIO CU FT/BBL	10				
WATER-BBL/DAY	1245				
PUMPING OR FLOWING	flowing				
INITIAL SHUT-IN PRESSURE					
CHOKE SIZE	no choke				
FLOW TUBING PRESSURE	129 psia				

AS SUBMITTED

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

SIGNATURE	Christie Creek	DATE	8/30/2018	PHONE NUMBER	479-783-4191
P.O. Box 2407	Ft. Smith	AR	72902	ccreek@stephenspro.com	
ADDRESS	CITY	STATE	ZIP	EMAIL ADDRESS	

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

WELL NO. 2-6H

NAMES OF FORMATIONS	TOP
Big Lime	5,949
Skinner	6,169
Mississippian	6,388

FOR COMMISSION USE ONLY	
ITD on file	<input type="checkbox"/> YES <input type="checkbox"/> NO
APPROVED	DISAPPROVED
2) Reject Codes	

Were open hole logs run? ___ yes X no

Date Last log was run _____

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

Other remarks: swellable packers used on 4.5" liner. OCC - This well is an open hole completion from bottom of the 7" casing at 6812" to terminus at 11,488". The 4 1/2" liner is not cemented.

[illegible]

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	FSL	FWL
1/4	1/4	1/4	1/4			
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:		

LATERAL #1														
SEC 6	TWP 17N	RGE 4W	COUNTY Logan											
Spot Location			NE 1/4		NW 1/4		NE 1/4		Feet From 1/4 Sec Lines		FNL 155	FEL 1490		
Depth of Deviation			6,061		Radius of Turn		757		Direction		353		Total Length	3,256
Measured Total Depth					True Vertical Depth					BHL From Lease, Unit, or Property Line:				
11,488					6,718					155'				

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

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



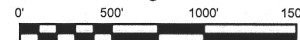
Well Location Plat As-Drilled

Sec. 6-17N-4W I.M.

Operator: STEPHENS PRODUCTION COMPANY
Lease Name and No. : EMMERICH #2-6H
Footage : 200' FSL - 950' FEL GR. ELEVATION : 1161'
Section: 6 Township: 17N Range: 4W I.M.
County : Logan State of Oklahoma
Terrain at Loc. : Stake fell in wheat field.



All bearings shown are grid bearings.



1"=1000'

GPS DATUM

NAD 83

NAD 27

OK NORTH ZONE

Surface Hole Loc.:
Lat: 35°58'17.87"N
Lon: 97°39'39.15"W
Lat: 35.97162984
Lon: -97.66087547
X: 2068848
Y: 353865

Surface Hole Loc.:
Lat: 35°58'17.72"N
Lon: 97°39'37.98"W
Lat: 35.97158779
Lon: -97.66054926
X: 2100447
Y: 353841

Top Perf.:
Lat: 35°58'22.06"N
Lon: 97°39'39.65"W
Lat: 35.97279316
Lon: -97.66101272
X: 2068806
Y: 354288

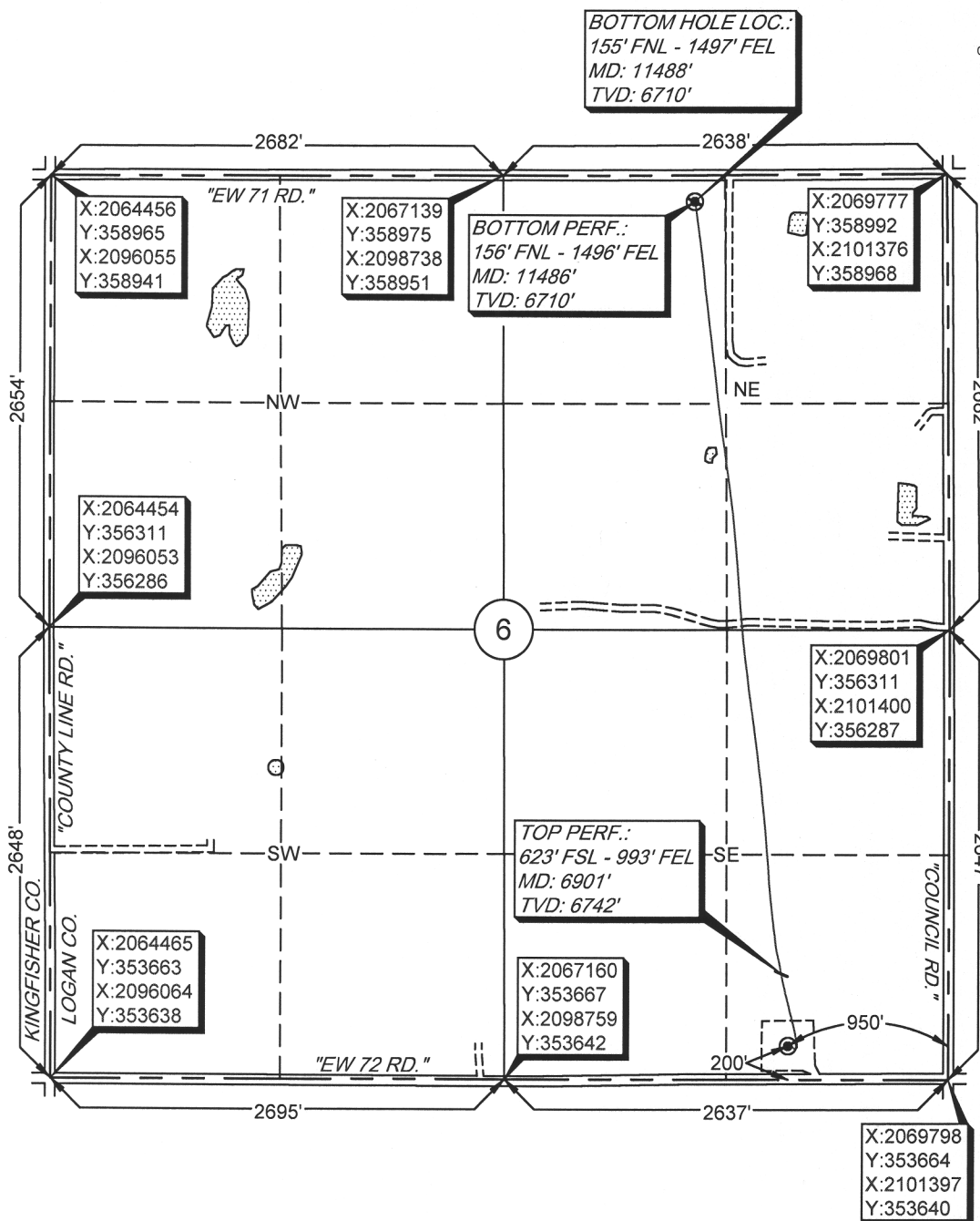
Top Perf.:
Lat: 35°58'21.90"N
Lon: 97°39'38.47"W
Lat: 35.97275114
Lon: -97.66068649
X: 2100405
Y: 354264

Bottom Perf.:
Lat: 35°59'06.95"N
Lon: 97°39'45.83"W
Lat: 35.98526442
Lon: -97.66272981
X: 2068282
Y: 358826

Bottom Perf.:
Lat: 35°59'06.80"N
Lon: 97°39'44.65"W
Lat: 35.98522277
Lon: -97.66240334
X: 2099881
Y: 358802

Bottom Hole Loc.:
Lat: 35°59'06.97"N
Lon: 97°39'45.83"W
Lat: 35.98526986
Lon: -97.66273075
X: 2068282
Y: 358828

Bottom Hole Loc.:
Lat: 35°59'06.82"N
Lon: 97°39'44.66"W
Lat: 35.98522821
Lon: -97.66240429
X: 2099881
Y: 358804



Survey and plat by:

Arkoma Surveying and Mapping, PLLC

P.O. Box 238 Wilburton, OK 74578

Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348

Expires June 30, 2018

Certification:

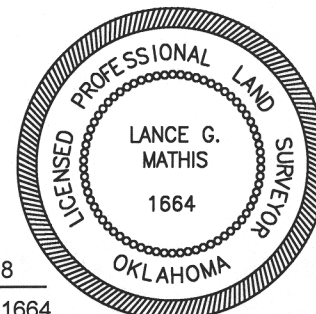
This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Lance G. Mathis

LANCE G. MATHIS

09/26/18

OK LPLS 1664



Invoice #4544-AD

Date Staked : 04/23/14 By : J.W.

Date Drawn : 09/21/18 By : J.H.