## Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000

Rule 165: 10-3-25

API No.: 35005204560001 **Completion Report** Spud Date: October 12, 2014

OTC Prod. Unit No.: 005-226112-0-0000 Drilling Finished Date: December 28, 2014

1st Prod Date: November 19, 2019

Amended Completion Date: April 28, 2015

Recomplete Date: November 19, 2019

Drill Type: **HORIZONTAL HOLE** 

Min Gas Allowable: Yes

Well Name: COCHRAN 1H-20 Purchaser/Measurer: ENABLE MIDSTREAM

First Sales Date: 11/19/2019

ATOKA 20 2S 12E Location:

SW NE SW NE 967 FSL 820 FWL of 1/4 SEC Latitude: 34.36995 Longitude: -96.0637 Derrick Elevation: 570 Ground Elevation: 540

Amend Reason: COMPLETION OF PIPELINE / WELL NOW PRODUCING

Operator: G & S ENERGY INC 22818

> 4201 FM 1960 RD W STE 400 HOUSTON, TX 77068-3447

	Completion Type
Х	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
656312

Increased Density
Order No
There are no Increased Density records to display.

		Cas	sing and Ceme	ent			
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20	90		80			SURFACE
SURFACE	13.375	54.5	J-55	1500		1190	SURFACE
PRODUCTION	5.5	23	P-110	11456		1460	6510

	Liner								
Туре	Type Size Weight Grade Length PSI SAX Top Depth Bottom Depth								
			There are	no Liner record	ds to displa	ay.			

Total Depth: 11456

Pac	cker
Depth	Brand & Type
8212	WFD A51-X

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

**Initial Test Data** 

January 17, 2020 1 of 2

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 29, 2015	BIG FORK			1866		900	FLOWING	1500	48	251
Nov 27, 2019	BIG FORK			874		486	FLOWING	2500	18/64	1100

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

Formation Name: BIG FORK

Code: 202BGFK

Class: GAS

Spacing Orders					
Order No	Unit Size				
633114	640				
633114	640				

Perforated Intervals				
From	То			
8328	11266			

Acid Volumes	
21,000 GALLONS	

Fracture Treatments
1,041,591 GALLONS, SBM DELTA FRAC 200, 3,393,320 POUNDS PROPPANT

Formation	Тор
ARKANSAS NOVACULITE	7414
MISSOURI MOUNTAIN	7794
POLK CREEK	7960
BIG FORK	8160
WOMBLE	8610

Were open hole logs run? Yes
Date last log run: November 24, 2014

Were unusual drilling circumstances encountered? No

Explanation:

#### Other Remarks

OCC - THIS WELL'S 640 ACRE UNIT IS IRREGULAR COMPRISING E/2 SEC 20 AND W/2 SEC 21 OF 2S-12E.

#### Lateral Holes

Sec: 21 TWP: 2S RGE: 12E County: ATOKA

NE SE SW NW

2063 FNL 1514 FEL of 1/4 SEC

Depth of Deviation: 7825 Radius of Turn: 693 Direction: 102 Total Length: 2938

Measured Total Depth: 11456 True Vertical Depth: 9194 End Pt. Location From Release, Unit or Property Line: 1514

## FOR COMMISSION USE ONLY

1144478

Status: Accepted

January 17, 2020 2 of 2

UNIT NO. 005-25	26112	USE BLACK INK ONLY		Oil & G	as Conserva	TION COMMISSION ation Division	IN	DEC !	11 20
					st Office Bo	x 52000 ma 73152-2000	ם ט	DEC .	11 20
ORIGINAL  X AMENDED (Reason)	completion of pip			4	Rule 165:1	0-3-25	OKLAH	OMA C	
TYPE OF DRILLING OPERAT		Now Prod.		DATE	10-	12-14		COMM 640 Acres	
SERVICE WELL	reverse for bottom hole location.	A THORIZONTAL HOL		3 FINISHED					
		TWP 2S RGE 12	DATI	OF WELL		28-14			
LEASE NAME	Cochran	NACES I	COM	PLETION		8-15			x
	W 1/4 NE 1/4 FSLOF	NO.	1-20 1st P	ROD DATE	11-	19-19			
ELEVATION	11/4 SEC	1/4 SEC	100	OMP DATE	11-1	19-19 V	<b>Y</b>	+*	
OPERATOR 370 Gro	ound 540 Latitude (i	9 11996		ongitude if known)	- 96.0	0637			
NAME	G&S Energy, I	nc.	OTC / OCC		22	818			
ADDRESS	4201 Cypre	ess Creek Pkwy.	, Ste. 40	)					
CITY	Houston	STATE	TX		770	068			
COMPLETION TYPE		CASING & CEMEN				000		LOCATE WE	L '-
X SINGLE ZONE		TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	Topio
Application Date		CONDUCTOR	20	90		80			TOP OF
COMMINGLED Application Date LOCATION EXCEPTION	10	SURFACE	13.375	54.5	J55	1500		1190	surfa
ORDER NO.	656312 ///	INTERMEDIATE						1190	surfa
ORDER NO.		PRODUCTION	5.5	23	P110	11456		1460	GEA
		LINER						1400	651
PACKER @ 8,212 BRAI	ND & TYPE wfd. A51-X	PLUG @	TYPE		PLUG @	7/05		TOTAL	11,4
PACKER @ BRAI	ND & TYPE A BY PRODUCING FORMATIC	PLUG @	TYPE		PLUG @	TYPE TYPE		DEPTH	11,44
FORMATION		N 202BC	3FK			· · · · · · · · · · · · · · · · · · ·			
FORMATION	Big Fork					A Comment of the Comment			
SPACING & SPACING ORDER NUMBER	640 Acres, 633114							-	
CLASS: Oil, Gas, Dry, Inj.									
Disp, Comm Disp, Svc	GAS								
PERFORATED	11,266' - 8.328'								
	11.200 - 0.328								
INTERVALS									
INTERVALS	0,020								
ACID/VOLUME									
	21,000 gal.								
ACID/VOLUME									
	21,000 gal.								
ACID/VOLUME FRACTURE TREATMENT	21,000 gal. 1,041,591 gal.								
ACID/VOLUME FRACTURE TREATMENT	21,000 gal. 1,041,591 gal. SBM Delta frac 200 3,393,320 lbs prop	wab)e (165:10	2-17-7)		Gas Pur	chaser/Measurer	5	inable Mi	dotan
ACID/VOLUME  FRACTURE TREATMENT (Fluids/Prop Amounts)	21,000 gal. 1,041,591 gal. SBM Delta frac 200 3,393,320 lbs prop	(10011	0-17-7)		Gas Pur First Sal			Enable Mi 11/19/2	dstream
ACID/VOLUME  FRACTURE TREATMENT (Fluids/Prop Amounts)	21,000 gal. 1,041,591 gal. SBM Delta frac 200 3,393,320 lbs prop	(165:10-13-3)	•					inable Mi 11/19/2	dstream 2019
ACID/VOLUME  FRACTURE TREATMENT (Fluids/Prop Amounts)  INITIAL TEST DATA INITIAL TEST DATE	21,000 gal. 1,041,591 gal. SBM Delta frac 200 3,393,320 lbs prop  Min Gas Allo OR Oll Altowable	(10011	•					inable Mi 11/19/2	dstream 2019
ACID/VOLUME  FRACTURE TREATMENT (Fluids/Prop Amounts)  INITIAL TEST DATA INITIAL TEST DATE  DIL-BBL/DAY	21,000 gal. 1,041,591 gal. SBM Delta frac 200 3,393,320 lbs prop  Min Gas Allo OR Oll Altowable	(165:10-13-3)	•		First Sal	es Date		11/19/2	2019
ACID/VOLUME  FRACTURE TREATMENT (Fluids/Prop Amounts)  INITIAL TEST DATA INITIAL TEST DATE  DIL-BBL/DAY  DIL-GRAVITY (API)	21,000 gal.  1,041,591 gal.  SBM Delta frac 200  3,393,320 lbs prop  Min Gas Allo OR Oll Altowable  6/29/2015	[165:10-13-3]     1 - 27 - 20	•		First Sal	es Date		11/19/2	2019
ACID/VOLUME  FRACTURE TREATMENT (Fluids/Prop Amounts)  INITIAL TEST DATA INITIAL TEST DATE  DIL-BBL/DAY  DIL-GRAVITY ( API)  GAS-MCF/DAY	21,000 gal. 1,041,591 gal. SBM Delta frac 200 3,393,320 lbs prop  Min Gas Allo OR Oll Altowable	(165:10-13-3)	•		First Sal	es Date	ШШ	11/19/2	2019
ACID/VOLUME  FRACTURE TREATMENT (Fluids/Prop Amounts)  INITIAL TEST DATA INITIAL TEST DATE  DIL-BBL/DAY  DIL-GRAVITY (API)  GAS-MCF/DAY  GAS-OIL RATIO CU FT/BBL	21,000 gal.  1,041,591 gal.  SBM Delta frac 200  3,393,320 lbs prop  Min Gas Allo OR OII Allowable 6/29/2015  - 1866 -	(165:10-13-3)       1-27-20   -   874	•		First Sal	es Date	ШШ	11/19/2	2019
ACID/VOLUME  FRACTURE TREATMENT (Fluids/Prop Amounts)  INITIAL TEST DATA INITIAL TEST DATE  DIL-BBL/DAY  DIL-GRAVITY (API)  GAS-MCF/DAY  GAS-OIL RATIO CU FT/BBL  VATER-BBL/DAY	21,000 gal.  1,041,591 gal.  SBM Delta frac 200  3,393,320 lbs prop  Min Gas Allo OR Oll Allowable  6/29/2015  - 1866 - 900	(165:10-13-3)   11-27-20 - 874 - 486	19		First Sal	es Date	ШШ	11/19/2	2019
ACID/VOLUME  FRACTURE TREATMENT (Fluids/Prop Amounts)  INITIAL TEST DATA  NITIAL TEST DATE  DIL-BBL/DAY  DIL-GRAVITY (API)  SAS-MCF/DAY  SAS-OIL RATIO CU FT/BBL  VATER-BBL/DAY  FUMPING OR FLOWING	21,000 gal.  1,041,591 gal.  SBM Delta frac 200  3,393,320 lbs prop  Min Gas Allo OR Oll Altowable  6/29/2015  - 1866 - 900 Flow	(165:10-13-3)       1-27-20   -   874	19		First Sal	LIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	ШШ ВМІ	11/19/2	2019
ACID/VOLUME  FRACTURE TREATMENT (Fluids/Prop Amounts)  INITIAL TEST DATA INITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL IVATER-BBL/DAY PUMPING OR FLOWING INITIAL SHUT-IN PRESSURE	21,000 gal.  1,041,591 gal.  SBM Delta frac 200  3,393,320 lbs prop  Min Gas Allo OR OII Altowable 6/29/2015  - 1866 - 900 Flow 1500	(165:10-13-3)   11-27-20 - 874 - 486	19		First Sal	LIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	ШШ ВМІ	11/19/2	2019
ACID/VOLUME  FRACTURE TREATMENT (Fluids/Prop Amounts)  INITIAL TEST DATA INITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL IVATER-BBL/DAY PUMPING OR FLOWING INITIAL SHUT-IN PRESSURE	21,000 gal.  1,041,591 gal.  SBM Delta frac 200  3,393,320 lbs prop  Min Gas Allo OR Oll Altowable  6/29/2015  - 1866 - 900 Flow	(165:10-13-3) 11-27-20 	19		First Sal	es Date	ШШ ВМІ	11/19/2	2019
ACID/VOLUME  FRACTURE TREATMENT (Fluids/Prop Amounts)  INITIAL TEST DATA INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API) GAS-OIL RATIO CU FT/BBL NATER-BBL/DAY PUMPING OR FLOWING NITIAL SHUT-IN PRESSURE CHOKE SIZE LOW TUBING PRESSURE	21,000 gal.  1,041,591 gal.  SBM Delta frac 200  3,393,320 lbs prop  Min Gas Allo OR OII Allowable 6/29/2015  - 1866 - 900 Flow 1500 48 251	(165:10-13-3) 11-27-20 	19		A.	S SU	BMI	11/19/2	1111 D
ACID/VOLUME  FRACTURE TREATMENT (Fluids/Prop Amounts)  INITIAL TEST DATA INITIAL TEST DATE  DIL-BBL/DAY  DIL-GRAVITY (API)  GAS-MCF/DAY  GAS-OIL RATIO CU FT/BBL  VATER-BBL/DAY  PUMPING OR FLOWING INITIAL SHUT-IN PRESSURE  SHOKE SIZE	21,000 gal.  1,041,591 gal.  SBM Delta frac 200  3,393,320 lbs prop  Min Gas Allo OR OII Allowable 6/29/2015  - 1866 - 900 Flow 1500 48 251	(165:10-13-3) 11-27-20 	19	that I have to	A.	S SU	BMI	11/19/2	D

rm 1002A Rev. 2009

# PLEASE TYPE OR USE BLACK INK ONLY

FORMATION RECORD Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested. Cochran LEASE NAME 1H-20 WELL NO. NAMES OF FORMATIONS Arkansas Novaculite FOR COMMISSION USE ONLY 7,414 Missouri Mountain ITO on file YES 7,794 APPROVED Polk Creek DISAPPROVED 7,960 2) Reject Codes Big Fork 8,160 Womble 8,610 Were open hole logs run? \_\_X\_yes \_\_\_ no Date Last log was run 11/24/2014 yes X no at what depths? Was CO<sub>2</sub> encountered? Was H₂S encountered? X no at what depths? Were unusual drilling circumstances encountered? If yes, briefly explain belov OCC-This well's 640 acre unit is ignequal comprising 640 Acres BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE TWP RGE COUNTY Spot Location Feet From 1/4 Sec Lines 1/4 Measured Total Depth FSL 1/4 True Vertical Depth FWL. BHL From Lease, Unit, or Property Line; BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS) SEC 21 TWP 28 COUNTY 12E Atoka FUL SW Depth of NW 114 Feet From 1/4 Sec Lines ESC 2063 EWL- 1514 If more than three drainholes are proposed, attach a 7825' Deviation
Measured Total Depth 10/100 Total 102,100 separate sheet indicating the necessary information. 2,938 BHL From Lease, Unit, or Property Line: Olrection must be stated in degrees azimuth. 11,456 9,194 Please note, the horizontal drainhole and its end 2063' FNL, 1514' FEL 1514 point must be located within the boundaries of the LATERAL #2 lease or spacing unit. RGE COUNTY Directional surveys are required for all Spot Location drainholes and directional wells. 1/4 Feet From 1/4 Sec Lines 1/4 FSL. 640 Acres 1/4 FWL Depth of Radius of Turn Direction Total Measured Total Depth True Vertical Depth BHL From Lease, Unit, or Property Line ATERAL #3 TWP RGE COUNTY Feat From 1/4 Sec Lines 1/4 1/4 Redius of Turn FSL FWL Depth of Total Deviation Measured Total Depth True Vertical Depth Length BHL From Lease, Unit, or Property Line

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

## 1002A **Addendum**

API No.: \$6005204560001

**Completion Report** 

Spud Date: October 12, 2014

OTC Prod. Unit No.: 005-226112-0-0000

Drilling Finished Date: December 28, 2014

1st Prod Date: November 19, 2019

Amended

Completion Date: April 28, 2015

A: 226112 I Amend Reason: COMPLETION OF PIPELINE / WELL NOW PRODUCING

Recomplete Date: November 19, 2019

Drill Type:

HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: COCHRAN 1H-20

BALL: 21-025-12E NESESWAW

Purchaser/Measurer: ENABLE MIDSTREAM

Location:

ATOKA 20 2S 12E (SV SW NE SW NE 967 FSL 820 FWL of 1/4 SEC

Latitude: 34.36995 Longitude: -96.0637 Derrick Elevation: 570 Ground Elevation: 540 First Sales Date: 11/19/2019

G & S ENERGY INC 22818 Operator:

> 4201 FM 1960 RD W STE 400 HOUSTON, TX 77068-3447

	Completion Type							
Х	Single Zone							
	Multiple Zone							
	Commingled							

Location Exception					
Order No					
656312					

Increased Density						
Order No						
There are no Increased Density records to display.						

SP: 633114 (ineq: E220 =

Casing and Cement							
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20	90		80			SURFACE
SURFACE	13.375	54.5	J-55	1500		1190	SURFACE
PRODUCTION	5.5	23	P-110	11456		1460	6510

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
There are no Liner records to display.								

Total Depth: 11456

Packer					
Depth	Brand & Type				
8212 WFD A51-X					

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

**Initial Test Data**