

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.: 35093252190000

Completion Report

Spud Date: May 24, 2019

OTC Prod. Unit No.: 093-226501-0-0000

Drilling Finished Date: June 12, 2019

1st Prod Date: December 24, 2019

Completion Date: December 24, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: HOT SAW 21N-9W 12-1H

Purchaser/Measurer: TARGA

Location: MAJOR 12 21N 9W
SW SW SE SW
215 FSL 1500 FWL of 1/4 SEC
Latitude: 36.304479 Longitude: -98.11682
Derrick Elevation: 1289 Ground Elevation: 1271

First Sales Date: 01/09/2020

Operator: INTERSTATE EXPLORATIONS LLC 24089
PO BOX 984
301 E 18TH ST
CISCO, TX 76437-0984

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	713348		There are no Increased Density records to display.	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	11.75	42	J-55	511		240	SURFACE
INTERMEDIATE	8.625	32	P-110	7700		285	5475
PRODUCTION	5.5	23	P-110	12730		855	4512

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

Total Depth: 12730

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

Plug	
Depth	Plug Type
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
Feb 11, 2020	MISSISSIPPIAN	467	40	499	1069	2201	ESP		OPEN	200

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: OIL

Spacing Orders

Order No	Unit Size
669084	640

Perforated Intervals

From	To
8072	12699

Acid Volumes

1,402 BARRELS 15% HCL

Fracture Treatments

426,428 BARRELS SLICKWATER, 12,673,370 POUNDS PROPPANT

Formation	Top
OSWEGO	6332
VERDIGRIS	6520
RED FORK	6653
INOLA	6720
MANNING	6808
MISSISSIPPI LIME	6963

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

OCC - CORRECTION CLASSIFICATION OIL. OCC - ESP IS ELECTRONIC SUBMERSIBLE PUMP

Lateral Holes

Sec: 13 TWP: 21N RGE: 9W County: MAJOR

SW SE SW SW

200 FSL 671 FWL of 1/4 SEC

Depth of Deviation: 6965 Radius of Turn: 872 Direction: 178 Total Length: 5347

Measured Total Depth: 12730 True Vertical Depth: 7527 End Pt. Location From Release, Unit or Property Line: 200

FOR COMMISSION USE ONLY

1145599

Status: Accepted

API NO. 09325219
OTC PROD UNIT NO. 093226501

(PLEASE TYPE OR USE BLACK INK ONLY)

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

*submitted
9-18-2020
DNN*

Form 1002A
Rev. 2009

☒ 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.

SPUD DATE 5/24/2019
DRLG FINISHED DATE 6/12/2019
DATE OF WELL COMPLETION 12/24/2019
1st PROD DATE 12/24/2019
RECOMP DATE
Longitude (if known) -98.116820

COUNTY MAJOR SEC 12 TWP 21N RGE 9W
LEASE NAME HOT SAW 21N-9W WELL NO. 12-1H
SW 1/4 SW 1/4 SE 1/4 SW 1/4 FSL OF 215 FSL FWL OF 1500 fw
ELEVATION 1289 Ground 1271 Latitude (if known) 36.304479
OPERATOR NAME Interstate Explorations LLC OTC / OCC OPERATOR NO. 24089
ADDRESS PO Box 984
CITY Cisco STATE TX ZIP 76437

640 Acres
LOCATE WELL

COMPLETION TYPE

☒ SINGLE ZONE
☐ MULTIPLE ZONE
☐ COMMINGLED
LOCATION EXCEPTION ORDER NO. 713248 F.O. 675283
INCREASED DENSITY ORDER NO.

CASING & CEMENT (Attach Form 1002C)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	11.75"	42#	J-55	511		240	Surface
INTERMEDIATE	8.625"	32#	P-110	7,700		285	5,475
PRODUCTION	5.5"	23#	P-110	12730		855	4512
LINER							
				TOTAL DEPTH	12,730'		

PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____
PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	MISSISSIPPIAN								
SPACING & SPACING ORDER NUMBER	669084 (640)								
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	oil	per GOR							
PERFORATED INTERVALS	8072-12684-12699	per Matt Dawson							
ACID/VOLUME	1402 bbls 15% HCL								
FRACTURE TREATMENT (Fluids/Prop Amounts)	426,428 bbls slickwater 12,673,370# proppant								

*Reported to
Frac Focus*

☒ Min Gas Allowable (165:10-17-7)
OR
☐ Oil Allowable (165:10-13-3)

Gas Purchaser/Measurer Targa
First Sales Date 1/9/2020

INITIAL TEST DATA

INITIAL TEST DATE	2/11/2020								
OIL-BBL/DAY	467								
OIL-GRAVITY (API)	40								
GAS-MCF/DAY	499								
GAS-OIL RATIO CU FT/BBL	1069								
WATER-BBL/DAY	2201								
PUMPING OR FLOWING	ESP								
INITIAL SHUT-IN PRESSURE									
CHOKE SIZE	Open								
FLOW TUBING PRESSURE	200								

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.

Matt Dawson
SIGNATURE NAME (PRINT OR TYPE) DATE 9/18/2020 PHONE NUMBER (713) 308-4910
1331 Lamar St. Ste. 1370 Houston TX 77010 matt.dawson@ie-lc.net
ADDRESS CITY STATE ZIP EMAIL ADDRESS

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.

NAMES OF FORMATIONS	TOP
OSWEGO	6,332' TVD
VERDIGRIS	6,520' TVD
REDFORK	6,653' TVD
INOLA	6,720' TVD
MANNING	6,808' TVD
MISSISSIPPI LIME	6,963' TVD

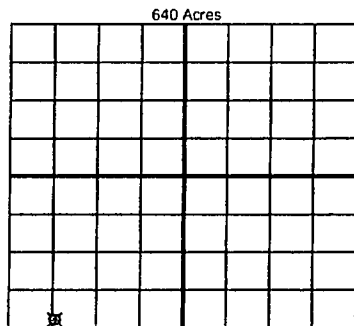
LEASE NAME HOT SAW 21N-9W WELL NO 12-1H

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

Were open hole logs run?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Date Last log was run	
Was CO ₂ encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? <div></div>
Was H ₂ S encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? <div></div>
Were unusual drilling circumstances encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
If yes, briefly explain below	

Other remarks:

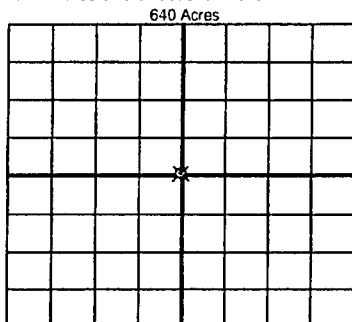
OCC - ESP - Is electronic submersible pump.



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.



BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY
Spot Location	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				MAJOR			
SEC	TWP	RGE	COUNTY	SEC	TWP	RGE	COUNTY
13	21N	9W		13	21N	9W	
Spot Location	SW 1/4	SE 1/4	SW 1/4	SW 1/4	SW 1/4	SW 1/4	SW 1/4
Depth of Deviation	6,965'	Radius of Turn	872'	Direction	178.180	Total Length	5,347'
Measured Total Depth	12,730'	True Vertical Depth	7,527'	BHL From Lease, Unit, or Property Line: 200'			

LATERAL #2			
SEC	TWP	RGE	COUNTY
Spot Location	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	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:	

compliant

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

PUN-093-226501 Prod-1-2020

API NUMBER: 093 25219

Approval Date: 04/16/2019

Expiration Date: 10/16/2020

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 21N Rge: 9W

County: MAJOR

SPOT LOCATION: ☐ SW ☐ SW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 215 1500

Lease Name: HOT SAW 21N-9W

Well No: 12-1H

Well will be 215 feet from nearest unit or lease boundary.

Operator Name: INTERSTATE EXPLORATIONS LLC

Telephone: 8178503600

OTC/OCC Number: 24089 0

Sent email 9-16-20 (1st)
on 5 producers seen inter

INTERSTATE EXPLORATIONS LLC

PO BOX 984

CISCO, TX 76437-0984

RODNEY & KIMBERLY STOTTS

PO BOX 197

MENO

OK 73760

Formation(s) (Permit Valid for Listed Formations Only):

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	7050	6	
2	WOODFORD <i>Dismissed FLE</i>	7657	7	
3			8	
4			9	
5			10	

Spacing Orders: 669084

Location Exception Orders: 675289

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 12600

Ground Elevation: 1271

Surface Casing: 490

Depth to base of Treatable Water-Bearing FM: 440

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 19-36467

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - ORDER 287231)

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

HORIZONTAL HOLE 1

Sec 13 Twp 21N Rge 9W County MAJOR

Spot Location of End Point: S2 S2 SW SW

Feet From: SOUTH 1/4 Section Line: 200

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 6850

Radius of Turn: 561

Direction: 185

Total Length: 4868

Measured Total Depth: 12600

True Vertical Depth: 7657

End Point Location from Lease,
Unit, or Property Line: 200

Notes:

Category

Description

HYDRAULIC FRACTURING

4/9/2019 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

LOCATION EXCEPTION - 675283

4/10/2019 - G56 - (I.O.) 13-21-9W
X669084 MSSP, WDFD
COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 330' FWL
NO OP NAMED
3/27/2018

PUBLIC WATER SUPPLY WELL

4/9/2019 - G71 - ENID - 1 PWS/WPA, NE/4 14-21N-9W & 1 PWS/WPA, SE/4 11-21N-9W

SPACING - 669084

4/10/2019 - G56 - (640)(HOR) 13-21N-9W
EST MSSP, WDFD
POE TO BHL (MSSP) NLT 660' FB
POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL
(COEXIST WITH SP # 123489 MNNG LIME, MSSP****)

*** S/B MNNG, MSSLM, WILL BE CORRECTED VIA NUNC PRO TUNC PER ATTORNEY FOR OPERATOR

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

093 25219 HOT SAW 21N-9W 12-1H