

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.: 35153235810000

Completion Report

Spud Date: July 17, 2016

OTC Prod. Unit No.:

Drilling Finished Date: September 15, 2016

1st Prod Date:

Completion Date: January 12, 2017

Drill Type: HORIZONTAL HOLE

Well Name: BROWN 13-20-21 1H

Purchaser/Measurer:

Location: WOODWARD 24 20N 21W
NE NW NE NW
230 FNL 1879 FWL of 1/4 SEC
Latitude: 36.2021671 Longitude: -99.3927862
Derrick Elevation: 2268 Ground Elevation: 2238

First Sales Date:

Operator: TAPSTONE ENERGY LLC 23467

100 E MAIN ST
OKLAHOMA CITY, OK 73104-2509

| Completion Type | | Location Exception | | Increased Density | |
|-----------------|---------------|--------------------|--|----------------------------------------------------|--|
| X | Single Zone | Order No | | Order No | |
| | Multiple Zone | 655221 | | There are no Increased Density records to display. | |
| | Commingle | | | | |

| Casing and Cement | | | | | | | |
|-------------------|-------|--------|-------|-------|------|-----|------------|
| Type | Size | Weight | Grade | Feet | PSI | SAX | Top of CMT |
| SURFACE | 9 5/8 | 36 | J-55 | 1470 | 1000 | 692 | SURFACE |
| PRODUCTION | 7 | 26 | P-110 | 11430 | 2380 | 370 | 6331 |

| Liner | | | | | | | | |
|-------|-------|--------|-------|--------|------|-----|-----------|--------------|
| Type | Size | Weight | Grade | Length | PSI | SAX | Top Depth | Bottom Depth |
| LINER | 4 1/2 | 13.5 | P-110 | 6312 | 6000 | 150 | 10971 | 17283 |

Total Depth: 17448

| Packer | | Plug | |
|--------|--------------|---------------------------------------|-----------|
| Depth | Brand & Type | Depth | Plug Type |
| 10910 | BAKER HORNET | 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 |
| Jan 16, 2017 | MISSISSIPPIAN | | | | | 387 | FLOWING | | 21 | 375 |

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: DRY

Spacing Orders

| Order No | Unit Size |
|----------|-----------|
| 654812 | 640 |

Perforated Intervals

| From | To |
|-------|-------|
| 12569 | 17448 |

Acid Volumes

77,269 15% HCL

Fracture Treatments

2,158,362 POUNDS PROPPANT, 78,140 BARRELS

| Formation | Top |
|------------------|------|
| BASE HEEBNER | 6638 |
| TONKAWA | 7138 |
| COTTAGE GROVE | 7622 |
| OSWEGO LIMESTONE | 8272 |
| ATOKA | 9088 |
| MISSISSIPPIAN | 9994 |

Were open hole logs run? Yes

Date last log run: September 10, 2016

Was H2S Encountered? Yes

Depth Encountered: 12161

Were unusual drilling circumstances encountered? Yes

Explanation: H2S ENCOUNTERED WHILE DRILLING.
LOST CIRCULATION ENCOUNTERED IN LATERAL.
ENCOUNTERED MECHANICAL PROBLEMS AND HIGH
H2S CONCENTRATIONS DURING COMPLETION.
PLUGGED AND ABANDONED.

Other Remarks

There are no Other Remarks.

Lateral Holes

Sec: 13 TWP: 20N RGE: 21W County: WOODWARD

NW NW NE NW

198 FNL 1602 FWL of 1/4 SEC

Depth of Deviation: 11785 Radius of Turn: 1046 Direction: 358 Total Length: 4617

Measured Total Depth: 17448 True Vertical Depth: 12161 End Pt. Location From Release, Unit or Property Line: 198

FOR COMMISSION USE ONLY

Status: Accepted

1135725

RECEIVED

JAN 20 2017

Form 1002A
Rev. 2009API NO. 3515323581
OTC PROD. NA
UNIT NO.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 165-10-3-25OKLAHOMA CORPORATION
COMMISSION☒ 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 | WOODWARD | SEC | 24 | TWP | 20N | RGE | 21W |
| LEASE NAME | BROWN 13-20-21 | | | WELL NO. | 1H | | |
| NE 1/4 NW 1/4 NE 1/4 NW 1/4 | END OF 1/4 SEC | | 230' | FWL OF 1/4 SEC | 1879' | | |
| ELEVATION N Derrick | 2,268' | Ground | 2,238' | Latitude (if known) | 36.2021671 | | Longitude (if known) |
| OPERATOR NAME | Tapstone Energy, LLC | | | OTC/OCC OPERATOR NO. | 23467 | | |
| ADDRESS | PO Box 1608 | | | | | | |
| CITY | Oklahoma City | STATE | OK | ZIP | 73101-1608 | | |

| | |
|-------------------------|-----------|
| SPUD DATE | 7/17/2016 |
| DRLG FINISHED DATE | 9/15/2016 |
| DATE OF WELL COMPLETION | 1/12/2017 |
| 1st PROD DATE | P&A |
| RECOMP DATE | |

| | | | | | | | |
|-----------|--|--|--|--|--|--|--|
| 640 Acres | | | | | | | |
| | | | | | | | |
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LOCATE WELL

COMPLETION TYPE

| | |
|-------------------------------------------------|------------------|
| <input checked="" type="checkbox"/> SINGLE ZONE | X |
| <input type="checkbox"/> MULTIPLE ZONE | |
| Application Date | |
| COMINGLED | |
| Application Date | |
| LOCATION | 655221 (Interim) |
| EXCEPTION ORDER | |
| INCREASED DENSITY ORDER NO. | |

CASING & CEMENT (Form 1002C must be attached)

| TYPE | SIZE | WEIGHT | GRADE | FEET | PSI | SAX | TOP OF CMT |
|--------------|--------|--------|-------|-----------------|------|-----|------------|
| CONDUCTOR | | | | | | | |
| SURFACE | 9 5/8" | 36 | J-55 | 1,470' | 1000 | 692 | SURFACE |
| INTERMEDIATE | 7" | 26 | P-110 | 11,430' | 2380 | 370 | 6331' |
| PRODUCTION | | | | | | | |
| LINER | 4 1/2" | 13.5 | P-110 | 10,971'-17,283' | 6000 | 150 | 10,971' |
| TOTAL DEPTH | | | | | | | 17,448' |

 PACKER @ 10,910' BRAND & TYPE BKR HORNE PLUG @ TYPE PLUG @ TYPE
 PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE

COMPLETION & TEST DATA BY PRODUCING FORMATION

| | | | | | | | |
|-------------------------------------------------|-------------------------------------------------|--|--|--|--|--|--|
| FORMATION | MISSISSIPPIAN | | | | | | |
| SPACING & SPACING ORDER NUMBER | 640 Acre - 654812 | | | | | | |
| CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc | Dry | | | | | | |
| PERFORATED INTERVALS | 12,569-17,448 Openhole Completion | | | | | | |
| ACID/VOLUME | 77,269 15% HCL | | | | | | |
| FRACTURE TREATMENT (Fluids/Prop Amounts) | 2,158,362# Prop 78,140 bbls | | | | | | |

Reported to
Flag Focus

Min Gas Allowable (165-10-17-7)

Gas Purchaser/Measurer

NA

OR

First Sales Date

NA

INITIAL TEST DATA

| | | | | | | | |
|--------------------------|-----------|--|--|--|--|--|--|
| INITIAL TEST DATE | 1/16/2017 | | | | | | |
| OIL-BBL/DAY | 0 | | | | | | |
| OIL-GRAVITY (API) | NA | | | | | | |
| GAS-MCF/DAY | 0 | | | | | | |
| GAS-OIL RATIO CU FT/BBL | NA | | | | | | |
| WATER-BBL/DAY | 387 | | | | | | |
| PUMPING OR FLOWING | FLOWING | | | | | | |
| INITIAL SHUT-IN PRESSURE | | | | | | | |
| CHOKE SIZE | 21 | | | | | | |
| FLOW TUBING PRESSURE | 375 | | | | | | |

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.

Bryan Rother

1-20-17

405-702-1600

SIGNATURE

NAME (PRINT OR TYPE)

DATE

PHONE NUMBER

PO Box 1608

Oklahoma City

OK 73101-1608

brother@tapstoneenergy.com

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 |
|---------------------|-------|
| BASE HEEBNER | 6638' |
| TONKAWA | 7138' |
| COTTAGE GROVE | 7622' |
| OSWEGO LIMESTONE | 8272' |
| ATOKA | 9088' |
| MISSISSIPPIAN | 9994' |

LEASE NAME BROWN 13-20-21 WELL NO. 1H

| 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? | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no |
| Date Last log was run | <u>9/10/2016</u> |
| Was CO ₂ encountered? | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____ |
| Was H ₂ S encountered? | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no at what depths? <u>12,161'</u> |
| Were unusual drilling circumstances encountered? If yes, briefly explain below | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no |

Other remarks: H2S encountered while drilling. Lost circulation encountered in lateral. Encountered mechanical problems and high H2S concentrations during completion. P&A.

640 Acres

| | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|
| X | | | | | | | | | |
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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

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
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BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

| | | | |
|----------------------|---------------------|-----------------------------------------|--------|
| SEC | TWP | RGE | COUNTY |
| Spot Location | 1/4 | 1/4 | 1/4 |
| Measured Total Depth | True Vertical Depth | Feet From 1/4 Sec Lines | FNL |
| | | BHL From Lease, Unit, or Property Line: | FWL |

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

| | | | |
|----------------------|---------|-----------------------------------------|----------|
| SEC | TWP | RGE | COUNTY |
| 13 | 20N | 21W | WOODWARD |
| Spot Location | NE 1/4 | NW 1/4 | NE 1/4 |
| Depth of Deviation | 11,785' | Radius of Turn | 1,046' |
| Measured Total Depth | 17,448' | True Vertical Depth | 12,161' |
| | | Feet From 1/4 Sec Lines | FNL 198' |
| | | Direction | 358 |
| | | Total Length | 4,617' |
| | | BHL From Lease, Unit, or Property Line: | 198' |

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: | |



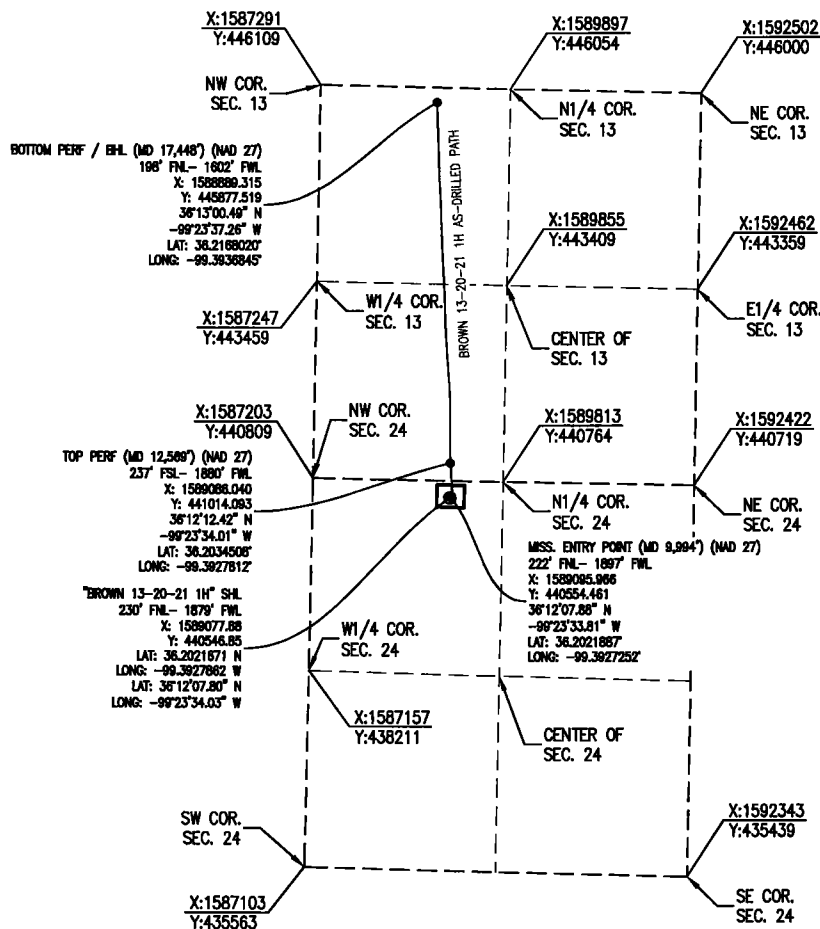
1000 Ledgeview Drive
Conway, Arkansas 72034
501.328.3316 f 501.328.3325 f
www.craftontull.com

Crafton Tull
SURVEYING

WOODWARD COUNTY, OKLAHOMA

WOODWARD COUNTY, OKLAHOMA

230' FNL- 1879' FWL SECTION 24 TOWNSHIP 20N RANGE 21W I.M.



OPERATOR: TAPSTONE ENERGY

WELL NO: 1H

ELEVATION:

2238' GR. AT STAKE

LEASE NAME: BROWN 13-20-21

TOPOGRAPHIC & VEGETATION: LOCATION FELL IN A FIELD

GOOD DRILL SITE: YES REFERENCE STAKES OR ALTERNATE LOCATION
STAKES SET: NONE

BEST ACCESSIBILITY TO LOCATION: NORTH AND EAST LINE

DISTANCE & DIRECTION

FROM HWY JCT OR TOWN: FROM THE JCT. OF STATE HWY. 34 & E0550 ROAD (±4.1 MILES SOUTH OF SHARON, OK), TRAVEL WEST ON E0550 ROAD ±3.0 MILES TO N2030 ROAD, TRAVEL SOUTH ON N2030 ROAD ±1.0 MILES TO E0560 ROAD, TRAVEL WEST ON E0560 ROAD ±0.5 MILES TO THE NORTH QUARTER CORNER OF SECTION 24, T20N-R21W.

(THE FOLLOWING INFORMATION WAS GATHERED USING A GPS RECEIVER ACCURACY ±2-3 METERS)

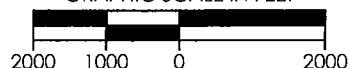
GPS
DATUM: NAD-27
LAT: 36.2021671 N
LONG: -99.3927862 W

STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD-27
X: 1589077.88
Y: 440546.85

GENERAL NOTES:

THE TIES AND FOOTAGES SHOWN ON THIS PLAT ARE FROM LINES OF OCCUPATION FROM A SURVEY MADE ON THE GROUND AND / OR BEARING AND DISTANCES FROM THE GENERAL LAND OFFICE PLAT OF THE AREA SHOWN AND MAY NOT BE THE ACTUAL PROPERTY CORNERS. THIS PLAT DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.

GRAPHIC SCALE IN FEET



| REVISION | | | |
|----------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------|
| | <p>"BROWN 13-20-21 1H" PART OF SECTION 24 & SECTION 13, T-20-N, R-21-W AS-DRILLED WELL WOODWARD COUNTY, OKLAHOMA</p> | | |
| | SCALE: 1" = 2000' | PLOT DATE: 01-19-2017 | DRAWN BY: JWB SHEET NO.: 1 OF 1 |