

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division Hobbs District Office
BRADENHEAD TEST REPORT

HOBBS OCD

MAR 29 2017

RECEIVED

| | |
|---|--------------------------|
| Operator Name Cross Timber Energy, LLC | API Number 3002529386 |
| Property Name North Vacuum ABO East Unit | Well No. 15 |

7. Surface Location

| | | | | | | | | |
|---------------|---------------|-----------------|--------------|-------------------|-----------------|-------------------|-----------------|---------------|
| UL - Lot G | Section 18 | Township 17S | Range 35E | Feet from 2000 | N/S Line FNL | Feet From 2100 | E/W Line FEL | County Lea |
|---------------|---------------|-----------------|--------------|-------------------|-----------------|-------------------|-----------------|---------------|

Well Status

| | | | |
|-------------|---------|--|------------------|
| Well Status | SHUT-IN | PRODUCING <input checked="" type="checkbox"/> | DATE 3-8-2017 |
|-------------|---------|--|------------------|

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

OBSERVED DATA

If bradenhead flowed water, check all of the descriptions that apply:

| | (A)Surf-Interm | (B)Interm(1)-Interm(2) | (C)Interm-Prod | (D)Prod Csgng | (E)Tubing |
|----------------------|---|------------------------|----------------|---|-----------|
| Pressure | 0 psi | | | 25 psi | 25 psi |
| Flow Characteristics | | | | | |
| Puff | Y / <input checked="" type="checkbox"/> N | Y / N | Y / N | Y / <input checked="" type="checkbox"/> N | |
| Steady Flow | Y / <input checked="" type="checkbox"/> N | Y / N | Y / N | Y / <input checked="" type="checkbox"/> N | |
| Surges | Y / <input checked="" type="checkbox"/> N | Y / N | Y / N | Y / <input checked="" type="checkbox"/> N | |
| Down to nothing | <input checked="" type="checkbox"/> Y / N | Y / N | Y / N | <input checked="" type="checkbox"/> Y / N | |
| Gas or Oil | Y / <input checked="" type="checkbox"/> N | Y / N | Y / N | Y / <input checked="" type="checkbox"/> N | |
| Water | Y / <input checked="" type="checkbox"/> N | Y / N | Y / N | Y / <input checked="" type="checkbox"/> N | |

If bradenhead flowed water, check all of the descriptions that apply:

| | | | | |
|-------|-------|-------|--------|-------|
| CLEAR | FRESH | SALTY | SULFUR | BLACK |
|-------|-------|-------|--------|-------|

Remarks:

INJECTING AT THIS TIME ___ WTR, ___ GAS, ___ CO2

| | |
|--------------------------------------|---------------------------|
| Signature: <i>Jose Casas</i> | OIL CONSERVATION DIVISION |
| Printed name: Jose Casas | Entered into RBDMS |
| Title: Lease Operator | Re-test |
| E-mail Address: jcasas@cf-fields.com | |
| Date: 3-8-2017 | |
| Phone: 575-746-7220 | |
| Witness: | |