

SEP 11 2014

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

AUG 18 2014

RECEIVED

BRADENHEAD TEST REPORT

RECEIVED

| | | |
|---|--|-----------------------------------|
| Operator Name Vanguard Permian, LLC | | API Number 30-085-37722 |
| Property Name COLE STATE | | Well No. 20 |

7. Surface Location

| | | | | | | | | | |
|----------------------|----------------------|------------------------|---------------------|-------------------------------------|--------------------------|----------------------|-------------------------|----------------------|----------------------|
| UL - Lot H | Section 16 | Township 22S | Range 37E | <input checked="" type="checkbox"/> | Feet from 1650 | N/S Line N | Feet From 330 | E/W Line E | County LEA |
|----------------------|----------------------|------------------------|---------------------|-------------------------------------|--------------------------|----------------------|-------------------------|----------------------|----------------------|

Well Status

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

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 Csg | (E)Tubing |
|----------------------|---|------------------------|----------------|-------------|------------|
| Pressure | 0 | | | 55 | 150 |
| Flow Characteristics | | | | | |
| Puff | Y / <input checked="" type="checkbox"/> N | Y / N | Y / N | Y / N | |
| Steady Flow | Y / <input checked="" type="checkbox"/> N | Y / N | Y / N | Y / N | |
| Surges | Y / <input checked="" type="checkbox"/> N | Y / N | Y / N | Y / N | |
| Down to nothing | <input checked="" type="checkbox"/> Y / N | Y / N | Y / N | Y / N | |
| Gas or Oil | Y / <input checked="" type="checkbox"/> N | Y / N | Y / N | Y / N | |
| Water | Y / <input checked="" type="checkbox"/> N | Y / N | Y / N | Y / N | |

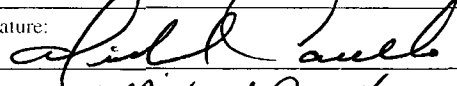
If bradenhead flowed water, check all of the descriptions that apply:

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

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

FOR RECORD ONLY

BS 9/12/2014

| | |
|--|----------------------------|
| Signature:  | OIL CONSERVATION DIVISION |
| Printed name: Michael Carrillo | Entered into RBDMS |
| Title: Production Technician | Re-test |
| E-mail Address: mcarrillo@unc LLC | |
| Date: 6-4-14 | Phone: 575-631-0924 |
| Witness: | |

SEP 12 2014