

FORM
5

Rev
09/14

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

401770607

Date Received:

09/21/2018

DRILLING COMPLETION REPORT

Per Rule 308A, this form and all required attachments shall be submitted after completing the drilling operations to drill, sidetrack, or deepen a wellbore and after changing the casing and cement configuration of a wellbore. If any attempt has been made to test, complete, or produce the well, the operator shall also submit a Form 5A (Completed Interval Report) per Rule 308B. If the well has been plugged, the operator shall also submit a Form 6 (Well Abandonment Report) per Rule 311.

Completion Type Final completion Preliminary completion

OGCC Operator Number: 47120 Contact Name: CRYSTAL MCCLAIN
Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 9294398
Address: P O BOX 173779 Fax:
City: DENVER State: CO Zip: 80217-

API Number 05-123-46590-00 County: WELD
Well Name: ENGLISH FARMS Well Number: 8-10HZ
Location: QtrQtr: SWSE Section: 8 Township: 1N Range: 65W Meridian: 6
Footage at surface: Distance: 315 feet Direction: FSL Distance: 2326 feet Direction: FEL
As Drilled Latitude: 40.059616 As Drilled Longitude: -104.686796

GPS Data:
Date of Measurement: 05/23/2018 PDOP Reading: 2.4 GPS Instrument Operator's Name: PRESTON KNUITSEN

** If directional footage at Top of Prod. Zone Dist.: 55 feet Direction: FNL Dist.: 2414 feet. Direction: FWL
Sec: 17 Twp: 1N Rng: 65W

** If directional footage at Bottom Hole Dist.: 2180 feet Direction: FNL Dist.: 2354 feet. Direction: FWL
Sec: 29 Twp: 1N Rng: 65W

Field Name: WATTENBERG Field Number: 90750
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 05/16/2018 Date TD: 07/11/2018 Date Casing Set or D&A: 07/12/2018
Rig Release Date: 07/25/2018 Per Rule 308A.b.

Well Classification:
 Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth MD 20360 TVD** 7238 Plug Back Total Depth MD 20346 TVD** 7238

Elevations GR 4945 KB 4971 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:
GR, CBL, (RES in API 05-123-46588).

CASING, LINER AND CEMENT

| Casing Type | Size of Hole | Size of Casing | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Top | Cmt Bot | Status |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|--------|
| CONDUCTOR | 26 | 16 | 42 | 0 | 106 | 64 | 0 | 106 | VISU |
| SURF | 12+1/4 | 9+5/8 | 36 | 0 | 1,886 | 491 | 0 | 1,886 | VISU |
| 1ST | 8+1/2 | 5+1/2 | 17 | 0 | 20,351 | 2,480 | 390 | 20,351 | CBL |

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____

| Method used | String | Cementing tool setting/perf depth | Cement volume | Cement top | Cement bottom |
|-------------|--------|-----------------------------------|---------------|------------|---------------|
| | | | | | |

Details of work:

FORMATION LOG INTERVALS AND TEST ZONES

| FORMATION NAME | Measured Depth | | Check if applies | | COMMENTS (All DST and Core Analysis must be submitted to COGCC) |
|----------------|----------------|--------|------------------|-------|---|
| | Top | Bottom | DST | Cored | |
| FOX HILLS | 1,484 | | | | |
| PARKMAN | 4,224 | | | | |
| SUSSEX | 4,483 | | | | |
| SHARON SPRINGS | 7,085 | | | | |
| NIOBRARA | 7,115 | | | | |

Operator Comments

Due to anti-collision needs and the variability of directional drilling, our as-drilled BHL could be different than the permitted.

Per Rule 317.p open hole logging exception, Open Hole Resistivity Logs were run on the English Farms 8-12HZ Well (API:05-123-46588).

The Top of Productive Zone provided is an estimate based on the landing point at 7,635' MD.

Completion is estimated for Q4 2018.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: CRYSTAL MCCLAIN

Title: REGULATORY ANALYST Date: 9/21/2018 Email: CRYSTAL.MCCLAIN@ANADARKO.COM

Attachment Check List

| Att Doc Num | Document Name | attached ? | |
|-----------------------------|----------------------------|---|--|
| <u>Attachment Checklist</u> | | | |
| 401770626 | CMT Summary * | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401770627 | CMT Summary * | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | Core Analysis | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 401770629 | Directional Survey ** | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | DST Analysis | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| | Logs | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | Other | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| <u>Other Attachments</u> | | | |
| 401770607 | DRILLING COMPLETION REPORT | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401770622 | LAS-CEMENT BOND | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401770623 | PDF-CEMENT BOND | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401770624 | LAS-MWD/LWD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401770625 | PDF-MWD/LWD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 401770630 | DIRECTIONAL DATA | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402034131 | FORM 5 SUBMITTED | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|--|---------------------|
| Engineer | Form 17 was not reported within 30 days of first production but was submitted. | 05/06/2019 |
| Permit | Changed TPZ per operator according to 5A. | 05/02/2019 |

Total: 2 comment(s)

