

FORM
5

Rev
02/20

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:

402188869

Date Received:

10/02/2019

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/or 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: <u>10646</u> | Contact Name: <u>Kamrin Ruder</u> |
| Name of Operator: <u>AXIS EXPLORATION LLC</u> | Phone: <u>(720) 9747743</u> |
| Address: <u>370 17TH ST SUITE 5200</u> | Fax: _____ |
| City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u> | Email: <u>kruder@extractionog.com</u> |

| | |
|---|--|
| API Number <u>05-005-07375-00</u> | County: <u>ARAPAHOE</u> |
| Well Name: <u>Jamaso 4-65</u> | Well Number: <u>5-6-10</u> |
| Location: QtrQtr: <u>SWNW</u> Section: <u>4</u> Township: <u>4S</u> Range: <u>65W</u> Meridian: <u>6</u> | |
| | FNL/FSL FEL/FWL |
| Footage at surface: Distance: <u>2449</u> feet Direction: <u>FNL</u> Distance: <u>1211</u> feet Direction: <u>FWL</u> | |
| As Drilled Latitude: <u>39.733282</u> As Drilled Longitude: <u>-104.674002</u> | |
| GPS Data: GPS Quality Value: <u>1.6</u> Type of GPS Quality Value: <u>PDOP</u> Date of Measurement: <u>08/12/2019</u> | |
| GPS Instrument Operator's Name: <u>ARISTO CAUWELS</u> | FNL/FSL FEL/FWL |
| ** If directional footage at Top of Prod. Zone Dist: <u>1277</u> feet Direction: <u>FSL</u> Dist: <u>460</u> feet Direction: <u>FEL</u> | |
| Sec: <u>5</u> Twp: <u>4S</u> Rng: <u>65W</u> | FNL/FSL FEL/FWL |
| ** If directional footage at Bottom Hole Dist: <u>1282</u> feet Direction: <u>FSL</u> Dist: <u>513</u> feet Direction: <u>FWL</u> | |
| Sec: <u>6</u> Twp: <u>4S</u> Rng: <u>65W</u> | |
| Field Name: <u>WILDCAT</u> Field Number: <u>99999</u> | |
| Federal, Indian or State Lease Number: _____ | |

Spud Date: (when the 1st bit hit the dirt) 06/26/2019 Date TD: 07/19/2019 Date Casing Set or D&A: 07/20/2019
 Rig Release Date: 08/02/2019 Per Rule 308A.b.

Well Classification:

Dry Oil Gas/Coalbed Disposal Stratigraphic Enhanced Recovery Storage Observation

Total Depth MD 18214 TVD** 8040 Plug Back Total Depth MD 18194 TVD** 8040

Elevations GR 5591 KB 5616 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:

CBL, Mud, MWD/LWD, Resistivity.

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 | 24 | 16 | 42 | 0 | 80 | 100 | 0 | 80 | VISU |
| SURF | 12+1/4 | 9+5/8 | 36 | 0 | 2,689 | 968 | 0 | 2,689 | VISU |
| 1ST | 8+1/2 | 5+1/2 | 20 | 0 | 18,194 | 2,925 | 150 | 18,214 | 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 | |
| PARKMAN | 5,544 | | NO | NO | |
| SUSSEX | 5,875 | | NO | NO | |
| SHANNON | 6,420 | | NO | NO | |
| SHARON SPRINGS | 7,965 | | NO | NO | |
| NIORARA | 8,056 | | NO | NO | |

Operator Comments:

The TPZ footages are estimates calculated through Directional Plotting Software—from where the production string (5 1/2" casing) crosses the 460' setback hardline. The actual footages will be submitted with the Form 5A.
Open hole Resistivity log with Gamma Ray was run on this well.

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

Signed: _____ Print Name: Kamrin Ruder

Title: Drilling Technician Date: 10/2/2019 Email: kruder@extractionog.com

Attachment Check List

| Att Doc Num | Document Name | attached ? | |
|-----------------------------|-----------------------|---|--|
| <u>Attachment Checklist</u> | | | |
| 402188999 | CMT Summary * | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402189000 | CMT Summary * | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | Core Analysis | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 402188996 | Directional Survey ** | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402188998 | 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> | | | |
| 2350018 | MWD/LWD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 2350019 | RESISTIVITY | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 2350020 | MWD/LWD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402188869 | FORM 5 SUBMITTED | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402188987 | LAS-RESISTIVITY | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402188995 | DIRECTIONAL DATA | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402194119 | PDF-CEMENT BOND | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402195702 | PDF-MUD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|---|---------------------|
| Engineering Tech | Corrected first string cement bottom per attached directional survey and cement job summary Need to verify SUSSEX and SHANNON intervals | 03/18/2021 |
| Permit | <ul style="list-style-type: none"> • Attached MWD/LWD .pdf (402188984), Resistivity .pdf (402188990), and MWD/LWD .las (402188982) have incorrect API's; deleted; corrected versions uploaded as docs 02350018, 02350019, 02350020. • GR and KB elevations corrected per Plat and Directional Survey. • TPZ footages estimated; BHL footages verified. | 02/16/2021 |

Total: 2 comment(s)