

FORM
5Rev
09/14State 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:

401464205

Date Received:

12/07/2017

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: 10660

Contact Name: John Marvin

Name of Operator: K3 OIL & GAS OPERATING COMPANY

Phone: (303) 241-9391

Address: 24900 PITKIN RD STE 305

Fax: (832) 234-0825

City: THE WOODLANDS State: TX Zip: 77386

API Number 05-073-06727-00

County: LINCOLN

Well Name: Sorenson

Well Number: 4-3

Location: QtrQtr: Lot 4 Section: 3 Township: 16S Range: 55W Meridian: 6

Footage at surface: Distance: 650 feet Direction: FNL Distance: 650 feet Direction: FWL

As Drilled Latitude: 38.688930 As Drilled Longitude: -103.555810

GPS Data:

Date of Measurement: 12/05/2017 PDOP Reading: 1.9 GPS Instrument Operator's Name: Elijah Frane

** If directional footage at Top of Prod. Zone Dist.: feet Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

** If directional footage at Bottom Hole Dist.: feet Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

Field Name: WILDCAT

Field Number: 99999

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 10/25/2017 Date TD: 11/08/2017 Date Casing Set or D&A: 11/11/2017

Rig Release Date: 11/11/2017 Per Rule 308A.b.

Well Classification:

☐ Dry ☒ Oil ☐ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

Total Depth MD 7550 TVD** Plug Back Total Depth MD 6985 TVD**

Elevations GR 5030 KB 5048 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

Induction, Caliper, Den-Neu, Micro, Sonic

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
SURF	17+1/4	13+3/8	48	0	496	450	0	505	VISU
1ST	7+7/8	5+1/2	17	0	7,028	250	5,380	7,028	CBL

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
STAGE TOOL	S.C. 1.1	3,700	0		

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	
DAKOTA	2,933		NO	NO	
CHEYENNE	3,065		NO	NO	
STONE CORRAL	4,209	4,300	NO	NO	
TOPEKA	5,446	5,455	NO	NO	
LANSING-KANSAS CITY	5,603	5,700	NO	NO	
MARMATON	5,955	6,050	NO	NO	
CHEROKEE	6,095	6,159	YES	NO	
ATOKA	6,460	6,900	NO	NO	
MORROW	6,915	7,150	NO	NO	
KEYES	7,192	7,250	NO	NO	
MISSISSIPPIAN	7,317	7,350	NO	NO	
SPERGEN	7,435	7,484	YES	NO	

Operator Comments

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

Signed: _____ Print Name: Henson Barnes

Title: Land Manager Date: 12/7/2017 Email: henson.barnes@k3oil.com

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
401477536	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401478511	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Directional Survey **	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
401477532	DST Analysis	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401477533	DST Analysis	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Logs	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401479284	Other	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
<u>Other Attachments</u>					
401464205	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401475759	PDF-CALIPER	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401475762	PDF-DENSITY/NEUTRON	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401475765	PDF-DUAL INDUCTION	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401475766	PDF-SONIC	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401475772	LAS-COMPOSITE	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401475773	PDF-MICROLOG	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
401479563	PDF-CEMENT BOND	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Casing: Added port collar at 3700' which is visible on the CBL. No cement pumped yet. On the DIL the DKTA is 2815-2930' and CYNN is 3010-3160'. Stage cement should be at least 3210-2765' or from the PC at 3700 - 2765', prior to stimulation. The APD required cement 3650-2850'. The DIL shows the CYNN-DKTA interval about 100' higher than I had calculated for the permit COA's.	05/09/2018
Permit	Added Dakota and Cheyenne Fm. tops, per operator.	05/09/2018
Engineer	the casing setting depth and the plug back depth are listed as the same depth – can you please confirm both? operator gave new PBTD - second request for formation tops and if stage tool was used	12/22/2017

Total: 3 comment(s)