

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:

1913118

Date Received:

07/27/2007

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: 76104 Contact Name: KATHY STATON  
Name of Operator: SAMSON RESOURCES COMPANY Phone: (918) 583-1791  
Address: 15 E 5TH ST STE 1000 Fax: (918) 591-1796  
City: TULSA State: OK Zip: 74103

API Number 05-067-09252-00 County: LA PLATA  
Well Name: HARPER Well Number: 2-13U  
Location: QtrQtr: SWSE Section: 13 Township: 34N Range: 7W Meridian: M  
Footage at surface: Distance: 1040 feet Direction: FSL Distance: 1519 feet Direction: FEL  
As Drilled Latitude: 37.186768 As Drilled Longitude: -107.555535

GPS Data:  
Date of Measurement: 06/14/2007 PDOP Reading: 3.3 GPS Instrument Operator's Name: I. ELLISON

\*\* If directional footage at Top of Prod. Zone Dist.: 1817 feet Direction: FSL Dist.: 821 feet Direction: FEL  
Sec: 13 Twp: 34N Rng: 7W

\*\* If directional footage at Bottom Hole Dist.: 1966 feet Direction: FSL Dist.: 669 feet Direction: FEL  
Sec: 13 Twp: 34N Rng: 7W

Field Name: IGNACIO BLANCO Field Number: 38300  
Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 04/28/2007 Date TD: 05/02/2007 Date Casing Set or D&A: 05/04/2007  
Rig Release Date: 05/04/2007 Per Rule 308A.b.

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

Total Depth MD 3455 TVD\*\* 3136 Plug Back Total Depth MD 3344 TVD\*\* 3038

Elevations GR 6835 KB 6847 Digital Copies of ALL Logs must be Attached per Rule 308A

List Electric Logs Run:

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	12+1/4	8+5/8	24	0	349	285	0	349	VISU
1ST	7+7/8	5+1/2	17	0	3,410	440	0	3,410	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	
KIRTLAND	1,998		NO	NO	
FRUITLAND	3,011		NO	NO	
PICTURED CLIFFS	3,133		NO	NO	

#### Operator Comments

Here is the cut and paste from the daily drilling reports referencing cement:  
4-29-07

Safety meeting. Test lines. Cement as follows: Pump 20 bbl water spacer. Mix & pump 285 sx (60 bbl) CI G cement @ 15.6 ppg. Drop plug & displace w/19.6 bbl water. Displace @ 3 BPM falling to 2 BPM before plug bumped. Final pumping pressure 100 psi. Bumped plug w/700 psi.. Float held. Had full circulation throughout job. Had 20 bbl good cement returns to surface.

5-4-07

Cement as follows: Pump 10 bbl water spacer @ 2 bpm followed by 20 bbl chem wash @ 6 bpm followed by 10 bbl water spacer @ 6 bpm. Mix & pump @ 6 bpm 189 bbl (250 sx) lead cement @ 11.5 ppg followed by 44 bbl (190 sx) @ 6 bpm. Displace w/78.7 bbl water @ 7.5 bpm slowing to 2 bpm before bumping plug. Bumped plug w/1418 npsi. Floats held. Good circulation throughout. Had 8 bbl good cement to surface

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

Signed: \_\_\_\_\_

Print Name: RANDAL L. MAXWELL

Title: REGULATORY ENGINEER

Date: 8/24/2007

Email: \_\_\_\_\_

### Attachment Check List

Att Doc Num	Document Name	attached ?	
<u>Attachment Checklist</u>			
	CMT Summary *	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Core Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Directional Survey **	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	DST Analysis	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Logs	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Other	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<u>Other Attachments</u>			
1913118	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>
Engineering Tech	• Added casing weights.	06/06/2017
Permit	Operator submitted a Form 4 to correct the as-built GPS data for the neighboring Harper 3-13U (067-09259).	07/07/2015
Permit	1) Operator submitted Neutron and CBL .tif files, which have been uploaded to the well file. 2) Operator submitted .pdf of original, as-submitted drilling completion report, which has been uploaded to the well file (doc: 901254). 3) Operator emailed a cut and paste from the daily drilling reports referencing cement, which has been copied into the operator comments. W/O as-built info from operator, as this well pad has incorrect as-builts for well(s).	06/23/2015
Permit	Contacted operator for the following issues: 1) Has a Neutron log .las and a CBL .las, but no corresponding .pdf (or .tif image) files. Please email missing logs. 2) Missing a cement job summary.	06/22/2015

Total: 4 comment(s)