

**FORM
5**Rev
02/08**State of Colorado****Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

1634733

DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type ☒ Final completion ☐ Preliminary completion

1. OGCC Operator Number: 10082

4. Contact Name: CRAIG HANAGAN

2. Name of Operator: MANZANO LLC

Phone: (575) 623-1996

3. Address: P O BOX 2107

Fax: (575) 623-2620

City: ROSWELL State: NM Zip: 88202

5. API Number 05-055-06306-00

6. County: HUERFANO

7. Well Name: MAGNINO 2 FEE

Well Number: 1

8. Location: QtrQtr: NWNE Section: 2 Township: 30S Range: 69W Meridian: 6

Footage at surface: Distance: 330 feet Direction: FNL Distance: 2311 feet Direction: FEL

As Drilled Latitude: As Drilled Longitude:

GPS Data:

Date of Measurement: PDOP Reading: GPS Instrument Operator's Name:

** If directional footage at Top of Prod. Zone Dist.: 2000 feet. Direction: FNL Dist.: 1000 feet. Direction: FWL
Sec: 2 Twp: 30S Rng: 69W

** If directional footage at Bottom Hole Dist.: 1887 feet. Direction: FNL Dist.: 1039 feet. Direction: FWL
Sec: 2 Twp: 30S Rng: 69W

9. Field Name: WILDCAT

10. Field Number: 99999

11. Federal, Indian or State Lease Number:

12. Spud Date: (when the 1st bit hit the dirt) 10/05/2010 13. Date TD: 10/23/2010 14. Date Casing Set or D&A: 11/01/2010

15. Well Classification:

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

16. Total Depth MD 9060 TVD** 8135 17 Plug Back Total Depth MD 9060 TVD** 8135

18. Elevations GR 7683 KB 7699

One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

19. List Electric Logs Run:

MWD GAMMA RAY LOG, MUD

20. Casing, Liner and Cement:

CASING

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Top	Cmt Bot	Status
CONDUCTOR	11+1/2	13+3/8		0	95	175	0	95	
SURF	12+1/4	9+5/8		0	1,198	360	0	1,198	

ADDITIONAL CEMENT

Cement work date: _____					
Details of work:					
Method used	String	Cementing tool setting/pref depth	Cement volume	Cement top	Cement bottom

21. Formation log intervals and test zones:

FORMATION LOG INTERVALS AND TEST ZONES					
FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analyses must be submitted to COGCC)
	Top	Bottom	DST	Cored	
VERMEJO COAL	540	1,140	<input type="checkbox"/>	<input type="checkbox"/>	
TRINIDAD	1,150	1,330	<input type="checkbox"/>	<input type="checkbox"/>	
PIERRE	1,330	9,060	<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

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

Signed: _____ Print Name: CRAIG HANAGAN

Title: OPERATIONS FOREMAN Date: 3/15/2011 Email: CHANAGAN@QUESTOFFICE.NET

Attachment Check List

Att Doc Num	Document Name	attached ?			
<u>Attachment Checklist</u>					
1634734	CMT Summary *	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Core Analysis	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
2072549	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 type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Other	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
<u>Other Attachments</u>					
1634733	FORM 5 SUBMITTED	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

User Group	Comment	Comment Date
Permit	REC D/S	3/1/2011 9:58:08 AM
Permit	REQ AS DRILLED, GPS TAKEN PRIOR TO SPUD, DIGITAL LOGS & D/S	7/14/2011 3:37:10 PM
Engineer	Changed fm tops based on mudlog lithology not mudlogger picks. Trdd top clearly not at 293' as coals are 540'-1140' approx.	6/24/2011 4:22:51 PM

Total: 3 comment(s)