



**State of Colorado**  
**Oil and Gas Conservation Commission**  
DEPARTMENT OF NATURAL RESOURCES

COGCC

# DRILLING COMPLETION REPORT

This form is to be submitted within thirty (30) days of a well's completion. If the well is deepened or sidetracked, a new Form 5 will be required. If an attempt has been made to complete/produce a well, then the operator shall submit a Form 5A (Completed Interval Report). If the well has been plugged, submit a Form 6 (Well Abandonment Report.)

1. OGCC Operator Number: 67305		4. Contact Name & Phone		<div> <div>Complete the Attachment Checklist</div> <div> <div>Oper</div> <div>OGCC</div> </div> </div>	
2. Name of Operator: Patina Oil & Gas Corporation		Tiffany Vermilyea			
3. Address: 1625 Broadway, Suite 2000		No: 303-389-3630			
City: Denver	State: CO	Zip: 80202	Fax: 303-595-7411	Electric Logs (1 full set required)	
5. API Number: 05-123-21147		6. County: Weld		Casing Cement Job Summaries	
7. Well Name: Tuttle L		Number: 17-3Ji		Directional Survey	
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): NENW Section 17-T3N-R66W				Geologic Report	
Footage at Surface: 658' FNL & 2127' FWL		9. Was a directional survey run? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Mud Log	
If directional, footage at Top of Prod. Zone:				DST Report	
If directional, footage at Bottom Hole:				Core Analysis	
10. Field Name: Wattenberg		Field Number: 90750		Other	
11. Federal, Indian or State Lease Number:					
12. Spud Date		13. Date TD Reached		15.	
12/31/02		1/4/03		1/13/03	
16. Total depth		16. PB Total depth		Well Classification	
MD 8005' TVD		MD 7974' TVD		<input type="checkbox"/> Dry <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Coaled	
18. Was a Mud Log Run? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		19. Elevations		<input type="checkbox"/> Stratigraphic <input type="checkbox"/> Disposal	
** A copy of all electric and mud log runs must be submitted.		GR 4885' KB 4895'		<input type="checkbox"/> Enhanced Recovery	
20. List Electric Logs Run:		Density, Neutron, GR, Induction, CBL		<input type="checkbox"/> Gas Storage <input type="checkbox"/> Observation	
				<input type="checkbox"/> Other:	

## CASING, LINER and CEMENT

Casing, Liner and Cement							Submit contractor's cement job summary for each string cemented			
String	Hole Size	Csg/Liner Size	Csg/Liner Wt (Lbs.)	Csg/Liner Top	Csg/Tool Setting Depth	No of Sacks	Cement Interval		Identify Method	
							Top	Bottom	Cals	CBL
Surface	12-1/4"	8-5/8"	24	surface	535'	225	surface	535'		
1st	7-7/8"	4-1/2"	11.6	surface	7975'	270	6630'	7975'		X
Stage Cement										
2nd										
Stage Cement										
3rd										
Stage Cement										
1st Liner										
2nd Liner										

**FORMATION LOG**

## FORMATION LOG INTERVALS and TEST ZONES

[illegible]

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

Print Name Tiffany Vermilyea

Signed

Title: *Engineering Technician*

Date: 02/20/03



## CEMENT JOB REPORT

CUSTOMER Caza Drilling Company			DATE 07-JAN-03		F.R. # 225121656			SERV. SUPV. Allen Miller				
LEASE & WELL NAME TUTTLE L17-4J1 - API 05123211550000			LOCATION SEC 17 - 3 N - 66 W			COUNTY-PARISH-BLOCK Weld Colorado						
DISTRICT Brighton			DRILLING CONTRACTOR RIG # CAZA 2			TYPE OF JOB Surface						
SIZE & TYPE OF PLUGS			LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES						
Cement Plug, Wooden, Top 8-5/8 in			Guide Shoe, Texas-Notched 8-5/8 in			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ												
Fresh Water							8.34				30	
Premium lite + Additives						165	12.6	1.93	10.45	03:30	56.82	41.06
Class "G" + Additives						100	15.8	1.17	5.00	01:30	20.76	11.89
Fresh Water							8.34				40.12	
Available Mix Water 500 Bbl. Available Displ. Fluid 500 Bbl.												
TOTAL										147.71	52.95	
HOLE			TBG-CSG-D.P.					COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
12.25	0	639	8.625	24	CSG	629	J-55	629	609	0		
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.625	24	CSG	629	NO PACKER		0	0	0	8.625	8RD	WATER BASED MUD	9
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator		
38.7	BBLS	Fresh Water	8.34	250	0	0	0	0	5600	2000	RIG	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:												
PRESSURE/RATE DETAIL						EXPLANATION						
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>						
	PIPE	ANNULUS				TEST LINES 2500 PSI						
						CIRCULATING WELL - RIG BJ <input checked="" type="checkbox"/>						
20:30	0	0	0	0		ARRIVED LOCATION						
21:30	0	0	0	0		HELD SAFETY MEETING						
22:08	2500	0	0	0	H2O	TEST LINES						
22:10	230	0	4.8	30	H2O	PRE FLUSH						
22:19	280	0	4.7	56.71	CMT.	MIX LEAD SLURRY @ 12.6 PPG						
22:30	110	0	3	20.83	CMT.	MIX TAIL SLURRY @ 15.8 PPG						
22:37	0	0	0	0		DROP PLUG						
22:41	100	0	5	38.4	H2O	DISP						
22:41	250	0	3	20	H2O	CMT. TO SURFACE						
22:50	250	0	0	0	H2O	PLUG DOWN						
						EST. T.O.C. TAIL 357 FT. NO EXCESS						
						EST. T.O.C. LEAD FROM 357 TO SURFACE.						
BUMPED PLUG												
PSI TO BUMP PLUG												
TEST FLOAT EQUIP.												
BBL CMT RETURNS/ REVERSED												
TOTAL BBL PUMPED												
PSI LEFT ON CSG												
SPOT TOP OUT CEMENT												
SERV. SUPV.												
Y	N	250	Y	N	18	145	250	Y	N	Allen Miller		