Energy, Minerals and Natural Resources Control Con	Submit To Appropriate State Lease - 6 copies	Distric	t Office		1	State of New M	lexico							C-105	
The state The	Fee Lease - 5 copies		Ene	ergy, I	Minerals and Na	tural Re	esources	-		Revised June 10, 2003					
Diff. Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 State Oil & Gas Lease No.	1625 N French Dr , Hobbs, NM 88240														
STATE FEE	1301 W Grand Avenue, Artesia, NM 88210 OII Collservation Division						-	5 Indicate Type of Lease							
Same of Presence P	District III				1220 South St. Francis Dr.					5. Indicate Type of Lease					
1208 St. Pomiss Dt. Same 6, MM 7395 WELL COMPLETION OR RECOMPLETION REPORT AND LOG 18 Type of Well		Aztec, N	IM 87410			Santa Fe, NM	37505		-				<u> </u>		
18 Type of Verification The Completion The Comple	1220 S St Francis Dr											l l			
Description		MPI	LETION	OR RECC	MPL	ETION REPOR	RTANI) LOG		Logicompany Committee and Comm	-terrorimonomy - J. J. C. Common	CONTRACTOR OF THE PARTY OF THE	THE RESERVE OF THE PARTY OF THE		
B Type of Compelator Service WORK DEEPEN PLIA DIFF ONU 2 5 2008 Service Well No PLIA DIFF ONU 2 5 2008 Service		L⊠	GAS WEL	L 🔲 DRY		OTHER				/ Lease Name	or Unit Agi	reement N	ame		
New										~	* ********		D VINIED		
2. Name of Operators	NEW 🛛 W	ORK	□ DEEPE						Į	G	J WES	r coo	P UNLIN	λ	
COG Operating LLC				BAC	<u>K</u>	RESVR OTH	ER'			9 Wall No			Winds		
Section						NOV	~ 2000	,	ł	8 WEILING					
Sol W. Texas Ave., Suite 1300 Midland, TX 79701 OCD-ARTESIA Well Location Unit Letter			<u>.C</u>			NUV Z	5 2000)	_	0.00	337 1.1 4	197			
Well Location Well Line and Section Se						OCD-A	RTE	CIA							
Link Letter		s Ave	., Suite 13	00 Midland	, TX 7	9701	40 4 8 6			GJ; 7RVS-Q	N-GB-C	GLORII	ETA-YESC	97558	
Section 21 Township 178 Range 29E NMPM County Eddy		Н	l 16	50 Feet Fron	The	North	Line	and 3	30	Feet F	rom The	East		Line	
10 Date Spudded											10111 1110 _				
15. Total Depth	10. Date Spudded	II Da							DF&	RKB, RT, GR,	etc)	14 Elev	Casinghead		
19 Producing Interval(s), of this completion = Top, Bottom, Name 370 - S300 Yeso 22. Was Directional Survey Made No No No No No No No No					10.00		<u> </u>	110.7				0.11.0	Γο - L-		
19 Production 10 21 Production 10 21 10 Production 10 21 21 21 21 21 21 21	15. Total Depth	1	16 Plug Bac	ek T.D.			Many	1		Rotary Tools		Cable	lools		
21. Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS				-											
22. Was Well Cored No	19 Producing Interv	/al(s), c	of this comple		-			. /	/	20) Was Dire		, ,		
CASING SIZE WEIGHT LB /FT DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT PULLED															
CASING SIZE		_		HNGS, M	cro C	FL / HNGS						No			
17-1/2	23.						RD (Re	port all s	trin	gs set in we	ell)				
11			WEIGH	T LB /FT		DEPTH SET				CEMENTING	RÉCORD	A			
17													Circ 285		
24 LINER RECORD 25. TUBING RECORD SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET 2-7/8 5299 26 Perforation record (interval, size, and number) 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. 3970 - 4251 - 2 SPF, 36 holes Open DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 4500 - 4700 - 2 SPF, 36 holes Open 4500 - 4700 See Attachment See Attachment 5100 - 5300 - 2 SPF, 36 holes Open 4800 - 5000 See Attachment 5100 - 5300 - 2 SPF, 48 holes Open 4800 - 5000 See Attachment 5100 - 5300 See Attachment 5100 - 5300 See Attachment 5100 - 5300 See Attachment 7500 See Attachme												ļ		Circ 218	
SIZE	7-7/8			17		5458		5-1/2		100	U		Circ 153		
SIZE		~											<u> </u>		
SIZE	24		·········	-	LIN	ER RECORD			25	TI	JBING RI	ECORD	1		
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. 3970 - 4251 - 2 SPF, 36 holes Open DEPTH INTERVAL. AMOUNT AND KIND MATERIAL USED 3970 - 4251 See Attachment At		ТОР		ВОТТОМ			SCREE	N					PACKER S	ĒΤ	
Depth Dept									2-7	7/8	5299				
Depth Dept				<u> </u>					<u> </u>			- 10			
A500 - 4700 - 2 SPF, 36 holes				,)no'n										
4800 - 5000 - 2 SPF, 36 holes 5100 - 5300 - 2 SPF, 48 holes Open 4800 - 5000 See Attachment 5100 - 5300 See Attachment 28 PRODUCTION Date First Production 10/21/08 Pumping using a 2-1/2" x 2" x 20" RHTC pump Producing Date of Test 10/27/08 24 Flow Tubing Press Casing Pressure Calculated 24-Hour Rate Casing Pressure Production Flow Rate Casing Pressure Calculated 24-Hour Rate Casing Pressure Casing Pressure Calculated 24-Hour Rate Casing Pressure Casing Pressur			•							AMOUNTAN					
Signature Sign															
PRODUCTION Date First Production 10/21/08 Production Method (Flowing, gas lift, pumping – Size and type pump) Pumping using a 2-1/2" x 2" x 20" RHTC pump Producing Date of Test Hours Tested 10/27/08 Plumping using a 2-1/2" x 2" x 20" RHTC pump Producing Pr															
Production Method (Flowing, gas lyft, pumping – Size and type pump) Well Status (Frod or Shut-in)					<u> </u>		 				See	Attachm	ent		
Production Method (Flowing, gas lyft, pumping – Size and type pump) Well Status (Frod or Shut-in)	28	•				PRO				······································			1		
Pumping using a 2-1/2" x 2" x 20' RHTC pump Date of Test Hours Tested Choke Size Prod'n For Test Period 77 113 578 681 Flow Tubing Press Casing Pressure Press Calculated 24-Hour Rate Casing Pressure Press Sold Sold, used for fuel, vented, etc.) Sold Logs, C102, C103, Deviation Report, C104 Signature Printed Name Kanicia Carrillo Title Regulatory Analyst Date 11/19/08	Date First Productio			Production M	ethod (mp)	Well Status (Prod or Sh	iut-in)			
Date of Test Hours Tested Choke Size Prod'n For Test Period 77 113 578 681 Flow Tubing Press Casing Pressure Calculated 24-Hour Rate Oil - Bbl Gas - MCF Water - Bbl Oil Gravity - API - (Corr.) 29 Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD Test Witnessed By Kent Greenway 30 List Attachments Logs, C102, C103, Deviation Report, C104 31 I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief Printed Name Kanicia Carrillo Title Regulatory Analyst Date 11/19/08	10/21	/08		Pumpi	ng usii	ng a 2-1/2" x 2" x	20' RH	TC pump			F	roducin	g g		
Test Witnessed By Kent Greenway Sold Signature Calculated 24 Oil - Bbl Gas - MCF Water - Bbl Oil Gravity - API - (Corr) 39.2 Test Witnessed By Kent Greenway Sold Logs, C102, C103, Deviation Report, C104 Signature Printed Name Kanicia Carrillo Title Regulatory Analyst Date 11/19/08 Date 11/	Date of Test	Hours	Tested		0 301	Prod'n For			Gas	- MCF				atio	
Flow Tubing Press Casing Pressure Calculated 24- Oil - Bbl Gas - MCF Water - Bbl. Oil Gravity - API - (Corr) 39.2 29 Disposition of Gas (Sold, used for fuel, vented, etc) SOLD Test Witnessed By Kent Greenway Logs, C102, C103, Deviation Report, C104 31 .Thereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief Printed Name Kanicia Carrillo Title Regulatory Analyst Date 11/19/08	10/27/08		24			Test Period		77		113	57	78	68	:1	
Press Hour Rate 29 Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD SOLD Test Witnessed By Kent Greenway Logs, C102, C103, Deviation Report, C104 31 Thereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief Printed Name Kanicia Carrillo Title Regulatory Analyst Date 11/19/08		Casın		Calculated	24-	Oil - Bbl			Щ,					•	
29 Disposition of Gas (Sold, used for fuel, vented, etc.) 30 List Attachments Logs, C102, C103, Deviation Report, C104 31 .I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief Printed Name Kanicia Carrillo Title Regulatory Analyst Date 11/19/08	Press		Hour Rate]						•	, ,			
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31 .I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief Printed Name Kanicia Carrillo Title Regulatory Analyst Date 11/19/08	30 List Attachments														
Signature Printed Name Kanicia Carrillo Title Regulatory Analyst Date 11/19/08															
Signature Name Kanicia Carrillo Title Regulatory Analyst Date 11/19/08	31 .I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief														
Signature Name Kanicia Carrillo Title Regulatory Analyst Date 11/19/08	,		201	_]	Printed									
F-mail Address kcarrillo@conchoresources.com 432-685-4332	Signature Name Kanicia Carrillo Title Regulatory Analyst Date 11/19/08														
E-mail Address Reartino@conclioresources.com 452-065-4552	E-mail Address	<u>kc</u> a	arrillo@co	nchoresourc	es.con	<u>1 432-685-4332</u>									

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

	Southeastern New Mexico						Northwes	stern New Mexico
T. Anhy			T. Canyon_		T. Ojo Alamo			·T. Penn. "B"
T. Sal	T. Salt T. Strawn				T. Kirtland-Fruitland T. Penn. "C"			T. Penn. "C"
B. Sal	t		T. Atoka		T. Picture	d Cliffs		T. Penn. "D"
T. Ya	tes	<u>870</u>	T. Miss	_	T. Cliff H	ouse		T. Leadville
T. 7 R	livers_	1150	T. Devonian	_	T. Menef	ee		T. Madison
T. Qu	een	1750	T. Silurian	_ [T. Point I	ookout		T. Elbert
T. Gr	ayburg		T. Montoya		T. Manco	S		T. McCracken
T. Sar	Andres	2430	T. Simpson		T. Gallup			T. Ignacio Otzte
T. Glo	rieta		T. McKee		Base Gree	enhorn		T. Granite
T. Pac	dock		T. Ellenburger		T. Dakota			T
T. Blir	nebry		T. Gr. Wash		T. Morrison			T.
T.Tubb 5390			T. Delaware Sand		T.Todilto			T
T. Dri	nkard		T. Bone Spring		T. Entrada			T.
T. Abo			T.Yeso 3950		Γ. Wingate			T.
T. Wolfcamp			T.Mississippian	<i>'</i>	T. Chinle			T.
T. Pen	n		T.		T. Permian			T.
T. Cise	co (Boug	(h C)	T.		T. Penn ".			T.
			OIL OR GAS	AN	DS OR	ZONI	ES	
No. 1,	from		to		No. 3, f	rom	•	to
No. 2,	from		to					to
Í			IMPORTANT					
Include	data or	rate of war	ter inflow and elevation to which wa	ter r	ose in ho	le.		
No. 1,	from		to				feet	
No. 2. 1	from		to				feet	
No. 3, fromtofeet								
LITHOLOGY RECORD (Attach additional sheet if necessary)								
From	То	Thickness In Feet	Lithology	Ì	From	То	Thickness In Feet	Lithology

	From	То	In Feet	Lithology	From	То	Thickness In Feet	Lith	ology	
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G J WEST COOP UNIT #197 API#: 30-015-36236 EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FR	ACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3970 -4251	Acidize w/3,000 gals acid
	Frac w/125,000 gals gel, 22,530 # Siberprop,
	185,700# 16/30 white sand.

27. ACID, SHOT, FR	ACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4500 -4700	Acidize w/2,500 gals acid
	Frac w/118,000 gals gel, 36,141 # Siberprop,
	145,300# 16/30 white sand.

27. ACID, SHOT, FR	RACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4800 - 5000	Acidize w/2,500 gals acid
	Frac w/115,000 gals gel, 31,816 # Siberprop,
	146,400# 16/30 white sand.

27. ACID, SHOT, FF	RACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5100 - 5300	Acidize w/2,500 gals acid
	Frac w/115,000 gals gel, 35,364 # Siberprop,
	146,200# 16/30 white sand.

District IV

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410

1220 S. St Francis Dr., Santa Fe, NM 87505

12. Dedicated Acres

40.00

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Form C-102 Permit 67786

WELL LOCATION AND ACREAGE DEDICATION PLAT

1.	API Number		2. Pool Code 3, Pool Name							
30	-015-36236		9	7558		GJ;7RVS-QN-GB-GLORIETA-YESO				
4. P	roperty Code				5. Property Nam	e		6. Well No.		
302497 G J WEST COOP UNIT						197				
7.	OGRID No.					9. Elevation				
	229137		COG OPERATING LLC					3565		
				10. 9	Surface Loc	ation				
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	
H	21	17S	29E		1650	N	330	E	EDDY	
		1	1. Bottom	Hole Lo	cation If Di	fferent Fro	m Surface			
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	
		1		1		1	1	1		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

14. Consolidation Code

	•	
		Û,

13. Joint or Infill

OPERATOR CERTIFICATION

15. Order No.

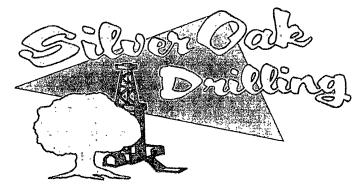
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Diane Kuykendall Title: Regulatory Analyst Date: 3/24/2008

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: Ronald Eidson Date of Survey: 3/11/2008 Certificate Number: 3239



PO Box 1370 Artesia, NM 88211-1370 (575) 748-1288

September 30, 2008

COG, LLC Fasken Center, Tower II 550 West Texas Ave, Suite 1300 Midland, TX 79701

RE:

GJ West Coop Unit #197 1650' FNL & 330' FEL Sec. 21, T17S, R29E Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

DEPTH	DEVIATION	<u>DEPTH</u>	DEVIATION
271.00	0.75	2212.00	0.75
377.00	0.75	2627.00	0.75
659.00	1.00	3040.00	0.75
1067.00	0.25	3518.00	0.75
1384.00	1.00	4065.00	1.25
1734.00	1.00	4161.00	1.00
1862.00	0.75	4987.00	0.50

Very truly yours,

Eddie C. LaRue Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 30th day of September, 2008.

Notary Public

