State Lease - 6 copies			State of New N						Form C-105	
Fee Lease - 5 copies <u>District I</u>	Energy, Minerals and Natural Resour			sources	WELL API	WELL API NO.				
1625 N. French Dr., F District II						WEELTH	30-015-37574			
1301 W. Grand Avenue, Artesia, NM 88210				220 South St. Francis Dr.			5. Indicate Type of Lease			
1000 Rio Brazos Rd. Aztec NM 87410						TE 🗵	FEE			
District IV Santa Fe, NM 87505 Santa Fe, NM 87505						State Oil &				
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								oprati jak ka		
Ia. Type of Well: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER						7. Lease Nam	e or Unit A	greement Na	ame	
b. Type of Completion: NEW WORK DEEPEN PLUG DIFF. WELL OVER BACK RESVR. OTHER							J WES	ST COO	P UNIT	
2. Name of Operato	or						8. Well No.			
COG Operat	ing LLC						273			
3. Address of Opera	ator				9. Pool name or Wildcat					
550 W. Texa	as Ave., Suite 10	0 Midland,	TX 79	701	.,.		GJ; 7RVS-	QN-GB-	GLORIE	ETA-YESO 97558
	<u>M</u> : 300	Feet From	m The_	South	Line	and 960	<u>)</u> Fee	f From The	West	Line
Section	15	Township		17S Rai	nge	29E	NMPM	Edd	v	County
10. Date Spudded 3/9/11		hed 12. [Date Cor	mpl. (Ready to Prod.) 4/13/11	13.	Elevations (DI	F& RKB, RT, GR 545' GR	, etc.)		Casinghead
15. Total Depth	16. Plug Bac	k T.D.	1	Multiple Compl. How nes?	Many	18. Intervals Drilled By	Rotary Tools		Cable T	ools
5560		510				Diffied by	X			
_	val(s), of this comple		ttom, Na - 5356						rectional Su N	irvey Made Jo
21. Type Electric an		/ HNGS, M	icro C	FL / HNGS			22. Was Well	Cored	No	
23.				SING RECOF	RD (Rep	ort all str	ings set in w	rell)		
CASING SIZE		ΓLB./FT.		DEPTH SET		LE SIZE	CEMENTIN) Al	MOUNT PULLED
13-3/8 48#		X#	l	360	1	7-1/2	95	U		
8-5/8	2	4#		875		11	40	00	REC	CEIVED
	2							00	REC	CEIVED
8-5/8 5-1/2	2	4#		875 5550		11 7-7/8	95	00		OEIVED (03 2011
8-5/8 5-1/2	2	4# 7#	LIN	875 5550 ER RECORD	7	11 7-7/8	95	00		i
8-5/8 5-1/2	2	4#	LIN	875 5550	7	11 7-7/8	95 5. T	UBING R		OEIVED (0.3 2011 PARTESIA
8-5/8 5-1/2	2	4# 7#	LIN	875 5550 ER RECORD	7	11 7-7/8	95	00		i
8-5/8 5-1/2 24. SIZE	TOP	4# 7# BOTTOM Ind number)	LIN	875 5550 ER RECORD	SCREEN 27. ACI	11 7-7/8 2 S 2 D, SHOT, F	5. TIZE -7/8	UBING R DEPTH	RECORD MMOC	PARET SISTA
8-5/8 5-1/2 24. SIZE 26. Perforation re 3950 - 4250 1	TOP coord (interval, size, a SPF, 26 holes	4# 7# BOTTOM Ind number) Open	LIN	875 5550 ER RECORD	SCREEN 27. ACI DEPTH I	11 7-7/8 2 S 2 D, SHOT, F	55. TIZE -7/8	UBING R DEPTIL 5307 EMENT, S ND KIND	RECORD NIMOC NIMOC QUEEZE, MATERIAI	ETC.
24. SIZE 26. Perforation re 3950 - 4250 1 4616 - 4816 1	TOP	BOTTOM BOTTOM Open Open	LIN	875 5550 ER RECORD	27. ACI DEPTH I 3950 - 4	11 7-7/8 2 S 2 D, SHOT, F NTERVAL 1250	5. TIZE -7/8	UBING R DEPTH 5307 EMENT, S ND KIND See	RECORD MMOC QUEEZE, MATERIAI	ETC. L USED ent
8-5/8 5-1/2 24. SIZE 26. Perforation re 3950 - 4250 1 4616 - 4816 1 4886 - 5086 1	TOP coord (interval, size, a SPF, 26 holes SPF, 26 holes	4# 7# BOTTOM Ind number) Open	LIN	875 5550 ER RECORD	SCREEN 27. ACI DEPTH I	11 7-7/8 2 8 2 D, SHOT, F NTERVAL 1250 4816	5. TIZE -7/8	UBING R DEPTH 5307 MENT, S ND KIND See See	RECORD NIMOC NIMOC QUEEZE, MATERIAI	ETC. L USED ent ent
8-5/8 5-1/2 24. SIZE 26. Perforation re 3950 - 4250 1 4616 - 4816 1 4886 - 5086 1	TOP secord (interval, size, a SPF, 26 holes SPF, 26 holes SPF, 26 holes	BOTTOM BOTTOM Open Open Open Open	LIN	875 5550 ER RECORD	27. ACI DEPTH I 3950 - 4	11 7-7/8 2 8 2 D, SHOT, F NTERVAL 1250 1816 5086	5. TIZE -7/8	UBING R DEPTH 5307 EMENT, S ND KIND See See	QUEEZE, MATERIAI 2 Attachm	ETC. LUSED ent ent ent
8-5/8 5-1/2 24. SIZE 26. Perforation re 3950 - 4250 1 4616 - 4816 1 4886 - 5086 1 5156 - 5356 1	TOP SPF, 26 holes	BOTTOM BOTTOM Open Open Open Open	LIN	875 5550 ER RECORD SACKS CEMENT	27. ACI DEPTH I 3950 - 4 4616 - 4	11 7-7/8 2 S 2 D, SHOT, F NTERVAL 1250 1816 5086	5. TIZE -7/8 RACTURE, CE AMOUNT A	TUBING R DEPTH 5307 EMENT, S ND KIND See See See	QUEEZE, MATERIAI Attachm Attachm Attachm	ETC. LUSED ent ent ent
8-5/8 5-1/2 24. SIZE 26. Perforation re 3950 - 4250 1 4616 - 4816 1 4886 - 5086 1 5156 - 5356 1	TOP SPF, 26 holes	BOTTOM BOTTOM Open Open Open Open Open Open		875 5550 ER RECORD SACKS CEMENT	27. ACI DEPTH I 3950 - 4 4616 - 4 4886 - 3 5156 - 3	11 7-7/8 2 8 9 12 D, SHOT, F NTERVAL 4250 4816 5086 5356 FION	5. TIZE -7/8 RACTURE, CE AMOUNT A	TUBING R DEPTH 5307 EMENT, S ND KIND See See See	QUEEZE, MATERIAI Attachm Attachm Attachm	ETC. LUSED ent ent ent
24. SIZE 26. Perforation re 3950 - 4250 1 4616 - 4816 1 4886 - 5086 1 5156 - 5356 1 28 Date First Production 4/15	TOP SPF, 26 holes TOP Non Non	## BOTTOM BOTTOM Open Open Open Open Open Production M	lethod (/	875 5550 ER RECORD SACKS CEMENT PRO Flowing, gas lift, pump g; 2-1/2" x 2" x 2	27. ACI DEPTH I 3950 - 4 4616 - 4 4886 - 5 5156 - 5 DDUCT Ding – Size of	11 7-7/8 2 8 2 2 D, SHOT, F NTERVAL 4250 4816 5086 5356 FION und type pump	5. TIZE -7/8 RACTURE, CE AMOUNT A	TUBING R DEPTH 5307 EMENT, S ND KIND See See See	QUEEZE, MATERIAI Attachm Attachm Attachm Attachm Attachm Thurin	ETC. L USED ent ent ent
24. SIZE 26. Perforation re 3950 – 4250 1 4616 – 4816 1 4886 – 5086 1 5156 – 5356 1 Date First Production	TOP SPF, 26 holes	BOTTOM Ind number) Open Open Open Open Open Production M	lethod (/	PRO Flowing, gas lift, pump g; 2-1/2" x 2" x 2 Prod'n For	27. ACI DEPTH I 3950 - 4 4616 - 4 4886 - 5 5156 - 5	11 7-7/8 2 8 2 2 D, SHOT, F NTERVAL 4250 4816 5086 5356 FION und type pump	5. TIZE -7/8 RACTURE, CE AMOUNT A	UBING R DEPTH 5307 EMENT, S ND KIND See See See (Prod. or S	QUEEZE, MATERIAI Attachm Attachm Attachm Attachm Attachm Thurin	ETC. L USED ent ent ent ent g Gas - Oil Ratio
8-5/8 5-1/2 24. SIZE 26. Perforation re 3950 - 4250 1 4616 - 4816 1 4886 - 5086 1 5156 - 5356 1 28 Date First Production 4/15. Date of Test 4/20/11	TOP TOP SPF, 26 holes TOP Hours Tested 24	## ## ## ## ## ## ## ## ## ##	lethod (I	PRO Flowing, gas lift, pump g; 2-1/2" x 2" x 2 Prod'n For Test Period	27. ACI DEPTH I 3950 - 4 4616 - 4 4886 - 5 5156 - 5 DUCT Ding – Size of 14' tbg pu Oil – Bbl	11 7-7/8 2 8 2 D, SHOT, F NTERVAL 4250 4816 5086 5356 FION and type pump mp	5. TIZE -7/8 RACTURE, CE AMOUNT A Well Status as - MCF 262	UBING R DEPTH 5307 MENT, S ND KIND See See See (Prod. or S	QUEEZE, MATERIAI E Attachm E Attachm E Attachm E Attachm Producing	ETC. LUSED ent ent ent g Gas - Oil Ratio 1456
8-5/8 5-1/2 24. SIZE 26. Perforation re 3950 - 4250 1 4616 - 4816 1 4886 - 5086 1 5156 - 5356 1 28 Date First Production 4/15. Date of Test 4/20/11 Flow Tubing	TOP TOP SPF, 26 holes TOP Hours Tested	BOTTOM BOTTOM Open Open Open Open Open Choke Size	lethod (I	PRO Flowing, gas lift, pump g; 2-1/2" x 2" x 2 Prod'n For	27. ACI DEPTH I 3950 - 4 4886 - 3 5156 - 3 DUCT ping - Size of 44 tbg pu Oil - Bbl	11 7-7/8 2 8 2 D, SHOT, F NTERVAL 4250 4816 5086 5356 FION and type pump mp	5. TIZE -7/8 RACTURE, CE AMOUNT A Well Status	UBING R DEPTH 5307 MENT, S ND KIND See See See (Prod. or S	QUEEZE, MATERIAI E Attachm E Attachm E Attachm Chut-in) Producing Bbl.	ETC. LUSED ent ent ent g Gas - Oil Ratio 1456
8-5/8 5-1/2 24. SIZE 26. Perforation re 3950 - 4250 1 4616 - 4816 1 4886 - 5086 1 5156 - 5356 1 28 Date First Production 4/15. Date of Test 4/20/11	TOP TOP SPF, 26 holes TOP Hours Tested 24	## ## ## ## ## ## ## ## ## ##	lethod (I	PRO Flowing, gas lift, pump g; 2-1/2" x 2" x 2 Prod'n For Test Period	27. ACI DEPTH I 3950 - 4 4616 - 4 4886 - 5 5156 - 5 DUCT Ding – Size of 14' tbg pu Oil – Bbl	11 7-7/8 2 8 2 D, SHOT, F NTERVAL 4250 4816 5086 5356 FION and type pump mp	5. TIZE -7/8 RACTURE, CE AMOUNT A Well Status as - MCF 262	UBING R DEPTH 5307 MENT, S ND KIND See See See (Prod. or S	QUEEZE, MATERIAI E Attachm E Attachm E Attachm E Attachm Producing	ETC. LUSED ent ent ent g Gas - Oil Ratio 1456
8-5/8 5-1/2 24. SIZE 26. Perforation re 3950 - 4250 1 4616 - 4816 1 4886 - 5086 1 5156 - 5356 1 28 Date First Production 4/15. Date of Test 4/20/11 Flow Tubing Press.	TOP TOP SPF, 26 holes TOP Hours Tested 24	BOTTOM BOTTOM Open Open Open Open Open Choke Size Calculated I Hour Rate	Jethod (1 umping	PRO Flowing, gas lift, pump g; 2-1/2" x 2" x 2 Prod'n For Test Period Oil - Bbl.	27. ACI DEPTH I 3950 - 4 4616 - 4 4886 - 5 5156 - 5 DUCT Ding – Size of 14' tbg pu Oil – Bbl	11 7-7/8 2 8 2 D, SHOT, F NTERVAL 4250 4816 5086 5356 FION and type pump mp	5. TIZE -7/8 RACTURE, CE AMOUNT A Well Status as - MCF 262	UBING R DEPTH 5307 MENT, S ND KIND See See See (Prod. or S	QUEEZE, MATERIAI E Attachm E Attachm E Attachm Distriction Control Con	ETC. LUSED ent ent ent ent PI - (Corr.) 39.3
8-5/8 5-1/2 24. SIZE 26. Perforation re 3950 - 4250 1 4616 - 4816 1 4886 - 5086 1 5156 - 5356 1 28 Date First Production 4/15. Date of Test 4/20/11 Flow Tubing Press.	TOP TOP SPF, 26 holes Ton Hours Tested 24 Casing Pressure	BOTTOM BOTTOM Open Open Open Open Open Choke Size Calculated I Hour Rate	Jethod (I umping 24-	PRO Flowing, gas lift, pump g; 2-1/2" x 2" x 2 Prod'n For Test Period Oil - Bbl.	27. ACI DEPTH I 3950 - 4 4616 - 4 4886 - 5 5156 - 5 DDUCT Ding – Size of 44' tbg pu Oil – Bbl	11 7-7/8 2 S 2 D, SHOT, F NTERVAL 4250 4816 5086 5356 FION und type pump mp	5. TIZE -7/8 RACTURE, CE AMOUNT A Well Status as - MCF 262 Water - Bbl.	UBING R DEPTH 5307 SMENT, S ND KIND See See See (Prod. or S	QUEEZE, MATERIAI E Attachm E Attachm E Attachm Distriction Control Con	ETC. L USED ent ent ent ent PI - (Corr.)
24. SIZE 26. Perforation re 3950 – 4250 1 4616 – 4816 1 4886 – 5086 1 5156 – 5356 1 28 Date First Production 4/15. Date of Test 4/20/11 Flow Tubing Press. 29. Disposition of Company	TOP TOP SPF, 26 holes Ton Hours Tested 24 Casing Pressure Tas (Sold. used for futts	BOTTOM BOTTOM Open Open Open Open Open Choke Size Calculated: Hour Rate	Jethod (1 umping 24- Sc Lc	PROFIGURE 1 PROFIG	27. ACI DEPTH I 3950 - 4 4886 - 3 5156 - 3 DUCT Ding - Size of Gas -	11 7-7/8 2 8 2 D, SHOT, F NTERVAL 1250 1816 5086 5356 TON und type pump mp G MCF	5. TIZE -7/8 RACTURE, CE AMOUNT A Well Status as - MCF 262 Water - Bbl.	UBING R DEPTIL 5307 EMENT, S ND KIND See See See (Prod. or S Oil	QUEEZE, MATERIAI E Attachm E Attachm E Attachm C Attachm C Attachm C Attachm C Track (Control of the control of	ETC. LUSED ent ent ent ent PI - (Corr.) 39.3
8-5/8 5-1/2 24. SIZE 26. Perforation re 3950 - 4250 1 4616 - 4816 1 4886 - 5086 1 5156 - 5356 1 28 Date First Production 4/15. Date of Test 4/20/11 Flow Tubing Press. 29. Disposition of Company of Company (Company) 30. List Attachmen 31. I hereby certified	TOP TOP SPF, 26 holes Ton Hours Tested 24 Casing Pressure Ty that the information	BOTTOM BOTTOM Open Open Open Open Open Open A Choke Size Calculated A Hour Rate el, vented, etc.)	So Lo a both s	PROFIGURE OF The STATE OF THE S	27. ACI DEPTH I 3950 - 4 4886 - 3 5156 - 3 DUCT Ding - Size of Gas -	11 7-7/8 2 8 2 D, SHOT, F NTERVAL 1250 1816 5086 5356 TON und type pump mp G MCF	5. TIZE -7/8 RACTURE, CE AMOUNT A Well Status as - MCF 262 Water - Bbl.	UBING R DEPTIL 5307 EMENT, S ND KIND See See See (Prod. or S Oil	QUEEZE, MATERIAI E Attachm E Attachm E Attachm C Attachm C Attachm C Attachm C Track (Control of the control of	ETC. LUSED ent ent ent ent PI - (Corr.) 39.3
8-5/8 5-1/2 24. SIZE 26. Perforation re 3950 - 4250 1 4616 - 4816 1 4886 - 5086 1 5156 - 5356 1 28 Date First Production 4/15. Date of Test 4/20/11 Flow Tubing Press. 29. Disposition of Company of Company (Company) 30. List Attachmen 31. I hereby certified	TOP TOP SPF, 26 holes Ton Hours Tested 24 Casing Pressure Tas (Sold. used for futts	BOTTOM BOTTOM Open Open Open Open Open Open A Choke Size Calculated A Hour Rate el, vented, etc.)	So Lo a both s	PROFIGURE 1 PROFIG	27. ACI DEPTH I 3950 - 4 4616 - 4 4886 - 5 5156 - 5 DUCT Ding - Size of A' tbg pu Oil - Bbl Gas -	D, SHOT, F NTERVAL 1250 1816 5086 5356 TION und type pump mp G MCF	5. TIZE -7/8 RACTURE, CE AMOUNT A Well Status as - MCF 262 Water - Bbl.	UBING R DEPTH 5307 SMENT, S ND KIND See See See Vater - E Oil Test Witne	QUEEZE, MATERIAI E Attachm E Attachm E Attachm Chut-in) Producing Bbl. Gravity - A Essed By Kent G	ETC. LUSED ent ent ent ent PI - (Corr.) 39.3

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

	Northwe	Northwestern New Mexico			
T. Canyon T.		T. Penn. "B"			
n	T. Kirtland-Fruitland	T. Penn. "C"			
	T. Pictured Cliffs_	T. Penn. "D"			
	T. Cliff House	T. Leadville			
nian	T. Menefee	T. Madison			
an	T. Point Lookout	T. Elbert			
оуа	T. Mancos	T. McCracken			
son	T. Gallup	T. Ignacio Otzte			
e	Base Greenhorn	T. Granite			
ourger	T. Dakota	T			
ash	T. Morrison	T			
are Sand	T.Todilto	T			
Spring	T. Entrada	T			
3940	T. Wingate	T			
sippian	T. Chinle	T			
	T. Permian	T			
	T. Penn "A"	T. OH OR CAS			
=	ssippian	T. Permian			

			SANDS OR ZONES
No. 1, from	to	No. 3, from	to
No. 2, from	to	No. 4, from	to
	IMPORTANT	WATER SANDS	
Include data on rate of v	vater inflow and elevation to which water	er rose in hole.	
	to		
No. 2, from	to	feet	
No. 3, from	to	feet	
	LITHOLOGY RECORD	(Attach additional sheet if ne	ecessary)

From	То	Thickness In Feet	Lithology	From	То	Thickness In Feet	Lithology
					,		
					ļ		

G J WEST COOP UNIT #273 API#: 30-015-37574 EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED				
3950 – 4250	Acidized w/3000 gals 15% HCL.			
	Frac w/101,900 gals gel, 98,520# 16/30 Brown sand,			
	4,439# 16/30 SiberProp			

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED			
4616 – 4816	Acidized w/3500 gals 15% HCL.			
	Frac w/120,706 gals gel, 129,004# 16/30 White sand,			
	26,453# 16/30 SiberProp			

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED			
4886 – 5086	Acidized w/3500gals 15% HCL.		
	Frac w/124,932 gals gel, 138,700# 16/30 White sand,		
	29,186# 16/30 SiberProp		

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED			
5156 – 5356	Acidized w/3500 gals 15% HCL.			
	Frac w/123,972 gals gel, 142,414# 16/30 White sand,			
	27,140# 16/30 SiberProp			

RECEIVED

MAY 03 2011

NMOCD ARTESIA