Energy Minerals and Natural Resources Revised June 10.2	Submit To Appropriate Distr	ict Office			State of New N	/lexio	co					<u>;</u>	Form	C-105
Date	State Lease - 6 copies Fee Lease - 5 copies		Ene		•			ources			Revised June 10, 2003			
Damad Dam	District I			0,,					· '					
	District II Oil Conservati				l Conservation	Divi	ision		F				55	
Santa Fe, NM 87505 State Oil & Gas Lease No.	1301 W. Grand Avenue, Artesia, NM 88210			20 South St. Fr	anci	s Dr.								
	1000 Rio Brazos Rd Aztec NM 87410					H				<u>' </u>				
18 Type of Well			DECO	MOL	ETION DEDO)T A	NID	00					×v .)	
OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER Dipper of Completion NIEW ☐ WORK ☐ DEFFE BACK DIFF.	la. Type of Well:					KI A	וטוו	_06						
New	OIL WELL 🛛	GAS WELL	☐ DRY		OTHER				_					
COG Operating LLC	NEW WORK	DEEPEN				ER					To	ex-Mack		
3. Address of Operator	2. Name of Operator									8. Well No.		,	-	
Well Control Well		LC										236		
Well Location	Address of Operator									9. Pool name or	Wildcat			./
Unit Letter E 1650 Feet From The North Line and 330 Feet From The West Line North Section Section 12 Township 12 Date Compl. (Ready to Prod.) 13 Elevations (DF& RKB, RT, GR, etc.) 14 Elev. Casinghead 12/30/10 1/8/11 12 Date Compl. (Ready to Prod.) 13 Elevations (DF& RKB, RT, GR, etc.) 14 Elev. Casinghead 1/28/11		e., Suite 100	Midland,	ΓX 79	9701					Fı	en; Glor	ieta-Yes	so 26770	v
10. Date Spudded		E : 1650	Feet Fr	om The	North	L	ine and	i	330	Feet Fr	om The	West	I	ine
12/30/10 1/8/11 1/28/11 1/28/11 3/990 GR 15. Total Depth 16. Plug Back T.D. 17. If Multiple Compl. How Many Zones? 18. Intervals 18. Intervals 20. Was Directional Survey Made 5785 6730 22. Was Well Cored 22. Was Well Cored No 21. Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS 22. Was Well Cored No 23. CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT LB.FT. DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT PUBLIFED 13-3/8 48 475 17-1/2 500 AMOUNT PUBLIFED 13-3/8 48 475 17-1/2 500 AMOUNT PUBLIFED 17-1/2 17 6770 7-7/8 1000 47-7/8 10						nge		31E		NMPM	Eddy	y	County	
15. Total Depth 16. Plug Back T.D. 17. If Multiple Compl. How Many Cross? 18. Intervals Drilled By 18. Intervals Drilled By 19. Producing Interval(s), of this completion - Top, Bottom, Name S209-6432 Yeso 20. Was Directional Survey Made No 21. Type Electric and Other Logs Run No CASING RECORD (Report all strings set in well) No CASING RECORD (Report all strings set in well) No CASING SIZE WEIGHT LB.FT. DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT PURPLED 13-3/8 48 475 17-1/2 500 30 30 30 30 30 30 3			1 12. D	ate Co			13. E	evations			etc.)	14. Elev.	Casinghead	
19. Producting Interval(s), of this completion - Top, Bottom, Name 20. Was Directional Survey Made No			T.D.		Multiple Compl. How	Many			vals			Cable T	ools	
19. Producting Interval(s), of this completion - Top, Bettom, Name \$209-6432 Yeso 20. Was Directional Survey Made \$109-6432 Yeso 22. Was Well Cored No	_			Zo	ones?			Drilled B	By	X				
22. Was Well Cored CN / HNGS, Micro CFL / HNGS 22. Was Well Cored No		1	n - Top, Bott				<u> </u>					ectional Su	rvey Made	
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CASING SIZE WEIGHT LB./FT. DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT PUBLIC PORT	21. Type Electric and Oth		INGS, Mi	cro C	FL / HNGS		•			22. Was Well	Cored	No		^
2-7/8 6308	23.		,			()	Repo	rt all s	strin	gs set in w	ell)		/«	
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27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 5209 - 5475 - 1 SPF, 29 holes Open 5636 - 5892 - 1 SPF, 26 holes Open 5636 - 5892 See Attachment Open 5962 - 6162 See Attachment Open	SIZE TOP		воттом		SACKS CEMENT	SCR	EEN					SET / N	PBACKER S	SET
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED						+			2-1		0300	, •		
See Attachment See	6. Perforation record (interval, size, and	number)			27.	ACIE	, SHOT	, FR	CTURE, CE	MENT, SO	QUEEZE,	ETC.	
Second S	2000 <i>5475</i> 1 CDF	20 h alaa	Om a						L	AMOUNT A				-
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PRODUCTION See Attachment Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping using a 2-1/2" x 2" x 20" pump Producing Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping using a 2-1/2" x 2" x 20" pump Producing Oil - Bbl Gas - MCF Water - Bbl. Oil Gravity - API - (Corr.) Pumping using a 2-1/2" x 2" x 20" pump Producing Oil - Bbl Oil Gravity - API - (Corr.) Test Witnessed By Kent Greenway Of List Attachments														
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Pumping using a 2-1/2" x 2" x 20' pump Producing Prod	8				PRO	DDU	CTI	ON					4	
Pumping using a 2-1/2" x 2" x 20" pump Producing Date of Test Hours Tested Choke Size Prod'n For Test Period 147 125 643 194 Date of Test Low Tubing ress. Calculated 24- Hour Rate Calcul		P	roduction Me	ethod (Flowing, gas lift, pump	ping –	Size an	d type pu	ımp)	Well Status	(Prod. or Si	hut-in)		
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Press. Hour Rate 37.3 19. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD Test Witnessed By Kent Greenway														94
9. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD Test Witnessed By Kent Greenway				4-	Oil - Bbl.	1	Gas - N	1CF	I V	/ater - Bbl.	Oil o	Gravity - A	PI <i>- (Corr.)</i>	
10 List Attachments													37.3	
10 List Attachments	9. Disposition of Gas (Sc	old, used for fuel,	vented, etc.)	SC)LD						Test Witne	ssed By Kent G	reenwav	
Loca C102 C102 Deviation Demant C104	0. List Attachments					Dard	ati a	D 0= 5 =-/	C10	7.11				
Logs, C102, C103, Deviation Report, C104	21 1 1 1 2 2 2 2							• '			, ,			
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	^	. ^				true a	ind coi	nplete to	o the l	est of my kno	wledge an	d belief		
Signature With Caro Name Netha Aaron Title Regulatory Analyst Date 2/14/11	Signature WWF	ha Ua	ror)			ron	Ti	tle R	egula	tory Analys	: [Date $\frac{1}{2}/14$	1/ <u>1</u> 1	
$\sim 10^{-1}$	~	-										_		

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

Southeas	stern New Mexico	Northwe	Northwestern New Mexico			
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"			
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"			
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"			
T.Yates 1972	T. Miss	T. Cliff House	T. Leadville			
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison			
T. Queen 2898	T. Silurian	T. Point Lookout	T. Elbert			
T. Grayburg	T. Montoya	T. Mancos	T. McCracken			
T. San Andres 3618	T. Simpson	T. Gallup	T. Ignacio Otzte			
T. Glorieta 5114	T. McKee	Base Greenhorn	T. Granite			
T. Paddock	T. Ellenburger	T. Dakota	T			
T. Blinebry	T. Gr. Wash	T. Morrison	T.			
T.Tubb 6541	T. Delaware Sand	T.Todilto	T			
T. Drinkard	T. Bone Spring	T. Entrada	T.			
T. Abo	T.Yeso 5179	T. Wingate	T.			
T. Wolfcamp	T.Mississippian	T. Chinle	T.			
T. Penn	T	T. Permian	T.			
T. Cisco (Bough C)	T	T. Penn "A"	T.			
OIL OR GA SANDS OR ZONES						
No. 1, from	to	No. 3, from	to			

	OIL OIL OIL OIL	DO OK EONED	
No. 1, fromt	to	No. 3, from	.to
No. 2, fromt		No. 4, from	

IMPORTANT WATER SANDS

Include data on rate of water inflow and ele	evation to which water rose in hole.	
No. 1, from	to	feet
No. 2, from		
No. 3. from		

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	То	Thickness In Feet	Lithology		From	То	Thickness In Feet	Lithology
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								1

Tex-Mack #236 API#: 30-015-38165 EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED				
5209 - 5475	Acidized w/3000 gals 15% HCL.				
	Frac w/119,326 gals gel, 150,662# 16/30				
	white sand, 25,048# 16/30 CRC.				

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED				
5636 - 5892	Acidized w/2500 gals 15% HCL			
	Frac w/141,876 gals gel, 239,213#			
	16/30 white sand.			

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED				
5962 - 6162 Acidized w/3500 gals 15% HCL.				
Frac w/139,592 gals gel, 193,274#				
	16/30 white sand, 45,744# 16/30 CRC			

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED			
6232 - 6432 Acidized w/5000 gals 15% HCL.			
Frac w/Spotted acid, treated w/20,752 gals			
gel			