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District I 1625 N. French Dr., Hobbs, NM 88240	State of New Mexico
Phone:(575) 393-6161 Fax:(575) 393-0720 District II	Energy, Minerals and Natura
811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III	Resources
1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170	Oil Conservation Division
District IV 1220 S. St Francis Dr., Santa Fe, NM 87505	1220 S. St Francis Dr.
Phone:(505) 476-3470 Fax:(505) 476-3462	Santa Fe, NM 87505

Form C-101 August 1, 2011

Permit 173274

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1. Opera	tor Name and A COG OPER	ddress RATING LLC								2. OGRID NI 2	umber 29137		
	One Conch	o Center							3. API Number				
	Midland, TX	(79701	,							+	0-015-416	67	
4. Proper	rty Code 38979		5. Prop	perty Name PINTO 36 ST	ATE CO	M				6. Well No. 0	08H		
				7. Sur	ace Loc	ation							
JL - Lot	Section	Township 36	18S	Range Lot 25E		Feet Fr	rom 150	N/S Line	SF	eet From 330	E/W Line	Cour	
				8. Proposed E				l	9			<u> </u>	
JL - Lot	Section	Township	F	Range Lot		Feet Fr		N/S Line	F	eet From	E/W Line	Coun	
	A	36	18S	25E	a		330		N	330	L	E	
				9. Poo	Inform	ation							
ENAS	CO DRAW;S	A-YESO (ASS	SOC)							5	0270		
				Additional	Well Inf	ormat	ion						
1. Work	Type New Well	12. Well Type O	; ; ;[L	13. Cable/Rotary			14. Lea	se Type State	15.	Ground Level 3449	Elevation		
16. Multiple 17. Proposed Depth 18. Formation							19. Con		20.	20. Spud Date			
	<u>N</u>	73	371							11/30	11/30/2013		
Depth to Ground water Distance from neare											Distance to nearest surface w		
epth to	Ground water 110			Distance from nea		water w	vell ;		Dis	tance to neare: > 100		ater	
•	110	closed-loop	syster		0	water w	vell ;		Dis			ater	
	110	closed-loop	-	> 100 n in lieu of lined	0 pits		,	ram	Dis			ater	
We wi	110	closed-loop	21	> 100	0 pits ng and (nt Prog	ram Sacks	<u>ا</u>	> 100]	
We wi ^{Type} Surf	110 Il be using a Hole Size 11	Casing Siz 8.625	21	> 100 n in lieu of lined . Proposed Casi Casing Weight/ft 32	0 pits ng and (Cemer etting Do 1200	nt Prog	Sacks	of Ce 700	> 100	0 Estimated]	
We wi ^{Type} Surf	110 Il be using a Hole Size	Casing Siz	21	> 100 n in lieu of lined . Proposed Casi Casing Weight/ft	0 pits ng and (Cemer	nt Prog	Sacks	of Ce	> 100	0 Estimated]	
We wi ^{Type} Surf	110 Il be using a Hole Size 11	Casing Siz 8.625	21 :e	> 100 n in lieu of lined . Proposed Casi Casing Weight/ft 32	0 pits ng and (Se	Cemer etting Do 1200 7371	nt Prog	Sacks	of Ce 700	> 100	0 Estimated]	
We wi Type Surf Prod	110 Il be using a Hole Size 11 7.875 oposes to dril	Casing Siz 8.625 5.5 an 11" hole t	21 :e Casi to 1200	> 100 n in lieu of lined . Proposed Casi Casing Weight/ft 32 17 ng/Cement Prog	0 pits ng and 0 Se ram: Ado in 8-5/8"	Cemer etting Dr 1200 7371 ditiona	at Prog epth al Com	Sacks ments cement to	of Ce 700 800	> 100	0 Estimated 0 0 7-7/8" hole	roc	
We wi Type Surf Prod OG pro	110 Il be using a Hole Size 11 7.875 oposes to dril D and kick off	Casing Siz 8.625 5.5 an 11" hole t and drill curv	21 :e Casi to 1200 /e to 27	> 100 n in lieu of lined . Proposed Casi Casing Weight/fi 32 17 ng/Cement Prog I' w/fresh water, ri 764' TVD 3072' M	0 pits ng and 0 Se ram: Add un 8-5/8" D. Drill a	Cemer etting Dr 1200 7371 ditiona	at Prog epth al Com	Sacks ments cement to	of Ce 700 800	> 100	0 Estimated 0 0 7-7/8" hole	roc	
We wi Type Surf Prod OG pro	110 Il be using a Hole Size 11 7.875 oposes to dril D and kick off	Casing Siz 8.625 5.5 an 11" hole t and drill curv	21 :e Casi to 1200 /e to 27	> 100 n in lieu of lined . Proposed Casi Casing Weight/ft 32 17 ng/Cement Prog	0 pits ng and 0 Se ram: Add un 8-5/8" D. Drill a	Cemer etting Dr 1200 7371 ditiona	at Prog epth al Com	Sacks ments cement to	of Ce 700 800	> 100	0 Estimated 0 0 7-7/8" hole	roc	
We wi Type Surf Prod OG pro	110 Il be using a Hole Size 11 7.875 oposes to dril D and kick off 7# L-80 casir	Casing Siz 8.625 5.5 an 11" hole t and drill curv	21 Te Casi to 1200 ve to 27 ent to s 22	> 100 n in lieu of lined . Proposed Casi Casing Weight/fi 32 17 ng/Cement Prog l' w/fresh water, rn 764' TVD 3072' M urface with 800 s . Proposed Blow	0 pits ng and 0 Se ram: Add in 8-5/8" D. Drill a acks.	Cemer 1200 7371 dition: 32# J 7-7/8'	nt Prog epth al Com -55 and ' lateral n Prog	Sacks ments cement to to new Bl	of Ce 700 800	> 100	0 Estimated 0 0 7-7/8" hole	roc	
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We wi Type Surf Prod	110 Il be using a Hole Size 11 7.875 oposes to dril D and kick off 7# L-80 casir	Casing Siz 8.625 5.5 an 11" hole t and drill curv	21 Te Casi to 1200 ve to 27 ent to s 22	> 100 n in lieu of lined . Proposed Casi Casing Weight/fi 32 17 ng/Cement Prog l' w/fresh water, rn 764' TVD 3072' M urface with 800 s . Proposed Blow	0 pits ng and 0 Se ram: Add in 8-5/8" D. Drill a acks.	Cemer 1200 7371 dition: 32# J 7-7/8'	nt Prog epth al Com -55 and 'lateral n Prog Test	Sacks ments cement to to new Bl	of Ce 700 800	> 100 ment face. Drill a 2674' TVD	0 Estimated 0 0 7-7/8" hole 7371' MD	roc	
We wi Type Surf Prod COG prod 243' M 5 ½" 1	110 II be using a Hole Size 11 7.875 oposes to dril D and kick off 7# L-80 casir Type Double Ram	Casing Siz 8.625 5.5 an 11" hole t and drill curv g to TD ceme	Casin to 1200 ve to 27 ent to s 22	> 100 n in lieu of lined . Proposed Casi Casing Weight/fi 32 17 ng/Cement Prog V w/fresh water, ri 764' TVD 3072' M urface with 800 s . Proposed Blow Working Pressure 2000	0 pits ng and 0 Se ram: Add in 8-5/8" D. Drill a acks.	Cemer 1200 7371 dition: 32# J 7-7/8'	nt Prog epth -55 and 'lateral n Prog Test 2	Sacks ments cement to to new Bl ram Pressure 000	of Ce 700 800 5 sur 1L @	> 100 ment face. Drill a 2674' TVD	0 Estimated 0 0 7-7/8" hole 7371' MD	roc	
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We wi Type Surf Prod OG pro 243' M 5 ½" 1 5 ½" 1 . I here nd com urther MAC gnatur inted Na	110 II be using a Hole Size 11 7.875 oposes to dril D and kick off 7# L-80 casir Type Double Ram by certify that certify I hav X and/or 19. e: ame: E	Casing Siz 8.625 5.5 and 11" hole t and drill curving to TD ceme t the informat est of my kno e complied v 15.14.9 (B) Ni	21 Casi to 1200 ve to 27 ent to s 22 tion giv wiedge with 19 MAC 2 iled by	> 100 n in lieu of lined . Proposed Casi Casing Weight/fi 32 17 ng/Cement Prog V w/fresh water, ri 764' TVD 3072' M urface with 800 s . Proposed Blow Working Pressure 2000 en above is true and belief. .15.14.9 (A) C, if applicable.	0 pits ng and 0 Se ram: Add nn 8-5/8" D. Drill a acks. out Prev	Cemer etting Di 1200 7371 ditiona 32# J 7-7/8' ventio	nt Prog epth al Com -55 and 1 ateral n Prog Test 2 OIL	Sacks ments cement to to new Bl Pressure 000 CONSER	of Ce 700 800 Do sur HL @ VAT	> 100	0 Estimated 0 0 7-7/8" hole 7371' MD	roc	
We wi Type Surf Prod 243' M 5 ½" 1 3. I here nd com further	110 II be using a Hole Size 11 7.875 oposes to dril D and kick off 7# L-80 casir Type Double Ram by certify that oplete to the b certify I hav Xi and/or 19. e: ame: E P	Casing Siz 8.625 5.5 an 11" hole t and drill curv g to TD ceme t the informat est of my kno e complied v 15.14.9 (B) Ni lectronically fi roduction Rep	21 Casin to 1200 ve to 27 ent to s 22 tion give wiedge with 19 MAC 2 iled by porting	> 100 n in lieu of lined . Proposed Casi Casing Weight/fi 32 17 ng/Cement Prog V w/fresh water, ri 764' TVD 3072' M urface with 800 s . Proposed Blow Working Pressure 2000 en above is true and belief. .15.14.9 (A) C, if applicable.	0 pits ng and 0 Se ram: Add n 8-5/8" D. Drill a acks. out Prev Appro Title:	Cemer etting Di 1200 7371 ditiona 32# J 7-7/8' ventio	nt Prog epth -55 and 'lateral n Prog Test 2 OIL	Sacks ments cement to to new Bl Pressure 000 CONSER	of Ce 700 800 D Surr HL @ VAT	> 100	0 Estimated 0 0 7-7/8" hole 7371' MD mufacturer	to Run	

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Page 1 of 1

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

Form C-102 August 1, 2011

Permit 173274

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name
30-015-41667	50270	PENASCO DRAW;SA-YESO (ASSOC)
4. Property Code	5. Property Name	6. Well No.
38979	PINTO 36 STATE COM	008H
7. OGRID No.	8. Operator Name	9. Elevation
229137	COG OPERATING LLC	3449

UL - Lot Section Township Range Lot Idn Feet From N/S Line Feet From E/W Line County P 36 18S 25E p 150 S 330 E E E	10. Surface Location													
P 36 18S 25E p 150 S 330 E E	UL - Lot	Section	1	Township		Range		Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	
		P	36		18S	•	25E	р	150	S	330	E		Ε

11. Bottom Hole Location If Different From Surface

UL - Lot A	Section 3	Township 6	18S	Range 25E	Lot Idn A	Feet From 330	N/S Line N	Feet From 330	E/W Line E	County
12. Dedicated	Acres	- J		13. Joint or Infill		14. Consolidatio			15. Order No.	

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

	OPERATOR CERTIFICATION 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: Production Reporting Mgr Date: 9/16/2013
<u> </u>	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: 7/15/2013 Certificate Number: 3239

District II

District III

District IV

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

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Form APD Comments

Permit 173274

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

PERMIT COMMENTS

Operator Name and Address:	API Number:
COG OPERATING LLC [229137]	30-015-41667
One Concho Center	Well:
Midland, TX 79701	PINTO 36 STATE COM
	#008H

Created By	Comment	Comment Date
kholly1	COG Operating LLC respectfully requests permission to drill this well with a closed loop system.	9/12/2013
kholly1	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	9/12/2013

https://www.apps.emprd.state.pm.us/OCD/OCDPermitting/Report/0101/0101

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Form APD Conditions

Permit 173274

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: COG OPERATING LLC [229137]		API Numb	oer: 30-015-41667
One Concho Center Midland, TX 79701	{	Well: #008H	PINTO 36 STATE COM
OCD Reviewer	Condition		

https://www.apps.emprd.state.pm.us/OCD/OCDPermitting/Report/C101/C1010