State Compared December Compared Decembe	Submit To Appropriat	te District Office			State of New N	Mexico					Form C-105		
Distance	District I	lobbs, NM 88240	En	ergy,]	Minerals and Na	atural Resources	·	WEII ADI	NO	<u></u>	June 19, 2008		
1220 South St. Francis Dr. Santa Fe, NM 87505 Santa Fe, Santa Fe, NM 87505 Santa Fe, Santa Fe, Santa Fe, NM 87505 Santa Fe, Sant	District II								37				
Santa Fe, NM 87505 State Oil & Gas Leave No.	District III Off Conservation Division							5. Indicate Type of Lease					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG 1. Lasee Name or Unit Agreement Name 1. Lasee Name 1. Lasee Name Name Name 1. Lasee Name Name 1. Lasee Name Name Name 1. Lasee Name Name Name Name Name Name Name Na	District IV												
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2. Name of Operations	NEW ☑ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.								- SWD				
3. Audies of Operating 1.													
9, Fool name or Wildest 550 W. Texas Ave., Suite 1300; Midland, TX 79701	COG Operating	, II.C						002					
4. Well Loration				_	- .								
1.		Ave., Suite 1300:	Midland, T	X 797	01	7		Cisco, SWD	icis	20	296099		
Section O Township 178 Range 29E NMPM Egdy County		F <u>: 1980</u>	Feet From T	`he	North Line a	and1980_			•				
10. Date Spudded	Section	0 To	washin	175	Pange	20E NM				Edd	County		
15. Total Measured Depth of Well 16. Plug Back Measured Depth 8780								(Ready to Produ	ice)				
18. Production Interval(s), of this completion - Top, Bottom, Name 19. Was Directional Survey Made No No No No No No No N			07/		DI D 144			1 (5 (6)	L: 1 G				
18. Producing Interval(s), of this completion - Top. Bottom, Name 19. Was Directional Survey Made No No No No No No No N		Depth of Well				Depth		17. If M	ultiple Com	ipl. How	/ Many Zones?		
21. Was Well Cored No	18. Producing Inter		tion - Top, Bo				-	1	9. Was Dir	ectional	Survey Made		
CASING RECORD (Report all strings set in well)	Cisco 8370-8790 No												
CASING RECORD (Report all strings set in well)			GS						Cored				
CASING SIZE				CA	SING RECOI	RD (Report all	strin	l .	ell)	_			
9.625 36 2508 12.25 1025 7 26 8850 8.75 1600 23. LINER RECORD SIZE TOP BOTTOM SACKS CEMENT SCREEN SIZE DEPTH SET PACKER SET 27/8 8313 8299 25. Perforation record (interval, size, and number) Cisco 8370-8790 2 spf 160 holes Open 26. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 8370-8790 39000 gal acid 27 PRODUCTION Date of Test Hours Tested Choke Size Prod'n For Test Period Test Period Gas - MCF Water - Bbl. Gas - Oil Ratio Flow Tubing Pressure Calculated 24-Hour Rate Hour Rate 18. Disposition of Gas (Solal, used for fuel, vented, etc.) 29. List Attachments C-102, C-103, Logs, Deviation Report 1 hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed Name Natalic Krueger Title Regulatory Analyst Date 10/14/2010	CASING SIZE				DEPTH SET	HOLE SIZE					AMOUNT PULLED		
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Cisco 8370-8790 2 spf 160 holes Open DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED	25. Perforation re	ecord (interval, size,	ind number)		<u> </u>	26. ACID, SHO	T, FRA	ACTURE, CE	MENT, SO	QUEEZ	ŽE, ETC.		
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Press. Hour Rate 28. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By 29. List Attachments C-102, C-103, Logs, Deviation Report I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed Signature Name Natalie Krueger Title Regulatory Analyst Date 10/14/2010	Date of Test	Hours Tested	Choke Size	:		Oil - Bbl	Gas	- MCF	Water - F	Bbl.	Gas - Oil Ratio		
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E-mail Address nkrueger@condhoresources.com		Datalie K	me Çe		Printed	_		2	•	_			
	E-mail Address	nkruege	@conchore	source	es.com								

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SWB - 1214

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

Sou	theasterr	New Mexico	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_	855	T. Miss	T. Cliff House	T. Leadville			
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison			
T. Queen	1703	T. Silurian	T. Point Lookout	T. Elbert			
T. Grayburg		T. Montoya	T. Mancos	T. McCracken			
T. San Andres 2426		T. Simpson	T. Gallup	T. Ignacio Otzte			
T. Glorieta	3825	T. McKee	Base Greenhorn	T. Granite			
T. Paddock		T. Ellenburger	T. Dakota	T			
T. Blinebry		T. Gr. Wash	T. Morrison	T			
T.Tubb	5299	T. Delaware Sand	T.Todilto	T			
T. Drinkard		T. Bone Springs	T. Entrada	T			
T. Abo		T.Yeso 3912	T. Wingate	T			
T. Wolfcamp		T	T. Chinle	T			
T. Penn		T	T. Permian_	T			
T. Cisco (Bough C)		T	T. Penn "A"	T			
				OIL OR GAS			

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

From	То	Thickness In Feet	Lithology	From	То	Thickness In Feet	Lithology	4
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Bill Richardson

Governor

Jon Goldstein Cabinet Secretary

Jim Noel
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division



Administrative Order SWD-1214 May 3, 2010

30-015-37787

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Division Rule 26.8B., COG Operating, LLC seeks an administrative order to utilize its Empire State SWD Well No. 2 (API 30-015-NA) located 1980 feet from the North line and 1980 feet from the West line, Unit F of Section 9, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, for produced water disposal purposes.

THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of Division Rule 26.8B. Satisfactory information has been provided that affected parties as defined in Rule 26.8B.(2) have been notified and no objections have been received within the prescribed waiting period. The applicant has presented satisfactory evidence that all requirements prescribed in Rule 26.8 will be met and the operator is in compliance with Division Rule 5.9.

IT IS THEREFORE ORDERED THAT:

The applicant, COG Operating, LLC, is hereby authorized to utilize its Empire State SWD Well No. 2 (API 30-015-NA) located 1980 feet from the North line and 1980 feet from the West line, Unit F of Section 9, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, for disposal of oil field produced water (classified as UIC Class II) into the Cisco Reef through perforations from a gross interval of approximately 8300 feet to 8900 feet through plastic lined tubing and packer set within 100 feet of the disposal interval.

Prior to commencing disposal, the Conoco 9 State Well No. 1 (30-015-30690) shall be reentered to approximately 9200 feet and re-plugged under the direction of the Division's district office in Hobbs with new cement plugs set across the top (approximately 8300 feet) and the bottom (approximately 8900 feet) of the equivalent Cisco Reef permitted disposal interval. Completion of this work shall be confirmed by the Division to the operator after operator submits appropriate sundry reports of this work.

IT IS FURTHER ORDERED THAT:



The operator shall take all steps necessary to ensure that the disposed water enters only the proposed disposal interval and is not permitted to escape to other formations or onto the surface.

After installing tubing, the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer. The casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The wellhead injection pressure on the well shall be limited to **no more than 1660 psi**. In addition, the disposal well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressure to the maximum allowable pressure for this well.

The Director of the Division may authorize an increase in tubing pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the disposed fluid from the target formation. Such proper showing shall be demonstrated by sufficient evidence including but not limited to an acceptable Step-Rate-Test.

The operator shall notify the supervisor of the Division's district office of the date and time of the installation of disposal equipment and of any mechanical integrity test so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of disposal to the Division's district office. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Division Rules 26.13 and 7.24.

Without limitation on the duties of the operator as provided in Division Rules 30 and 29, or otherwise, the operator shall immediately notify the Division's district office of any failure of the tubing, casing or packer in the well, or of any leakage or release of water, oil or gas from around any produced or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage.

The injection authority granted under this order is not transferable except upon division approval. The division may require the operator to demonstrate mechanical integrity of any injection well that will be transferred prior to approving transfer of authority to inject.

The division may revoke this injection permit after notice and hearing if the operator is in violation of 19.15.5.9 NMAC.

In accordance with Division Rule No 26.12.C., the disposal authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request, mailed by the operator prior to the termination date, may grant an extension thereof for good cause. One year after disposal into the well has ceased, the authority to dispose will terminate ipso facto.

Compliance with this order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.

Jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh or protectable waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the disposal authority granted herein.

MARK E. FESMIRE, P.E. Acting Director

MEF/wvjj

cc: Oil Conservation Division – Artesia

State Land Office – Oil, Gas, and Minerals Division

30-015-39787 WELL NAME AND NUMBER | Empire State SWD #2 Section 9, T175, R29E, 1980 FNL, 1980 FWL, Eddy County LOCATION OPERATOR COG Operating LLC DRILLING CONTRACTOR United Drilling, Inc. The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation test and obtained the following results: Degrees @ Depth Degrees (a) Depth Degrees @ Depth 14億7182 0.7 (2) 3469 1/2/20/210 0.9 @ 7277 1.9 (0: 447) 0.3 @ 3668 1.4 @ 7405" 1.4 (6) 652' 0.3 @ 3890' 1.6 @ 820 (1.9 (3) 4281 1.00 (2) 7542 1.3 @ 939" 0.2(a)44211.8 66 7669 2.1 命 7722 0.9 (7:1066) 0.4 (2.4654) 2.5 (2) 7844 0.1 @ 1193" 0.5 億 503年 2.0 统 7954" 0.4 億 1515 $0.2 \, (\% \, 5520)$ 3.5 @ 8050 0.5 @ 1734" 0.3 (@ 5658) 2,5 22,8176 0.8 (2020) 0.6.60 5922 0.9 (0) 2234 0.9 @ 6068 3.4 (2), 8257 1.5 (6. 2457) 1.0 競 6134 2.4 @ 8305" 0.7 @: 2683" 0.9 (2) 6293 3.8 (4) 8788 0.5 (2937) 1.1 (2) 65257 1.0 @ 3112 0.5 @ 6652 1.0 億 325年 0.8 @ 6937 Orilling Contractor-UNITED DRILLING, INC The Year gir Assistant Office Manager Tide: Subscribed and sworn to before me this 15% day of Auget . 2010 .

My Commission Expires: 10-8-12

County

State