

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC One Concho Center 600 West Illinois Ave. Midland, TX 79701		² OGRID Number 229137	
		³ Reason for Filing Code/ Effective Date NW Effective 11/30/12	
⁴ API Number 30 - 015 - 40570	⁵ Pool Name Empire; Glorieta-Yeso		⁶ Pool Code 96210
⁷ Property Code 302584	⁸ Property Name White Oak State		⁹ Well Number 27

II. ¹⁰ Surface Location

UL or lot no. H	Section 23	Township 17S	Range 28E	Lot Idn	Feet from the 2270	North/South Line South	Feet from the 185	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. H	Section 23	Township 17S	Range 28E	Lot Idn	Feet from the 1995	North/South line South	Feet from the 401	East/West line East	County Eddy
¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date 11/30/12	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
278421	HollyFrontier Refining & Marketing LLC	O
036785	DCP Midstream	G
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IV. Well Completion Data

²¹ Spud Date 10/30/12	²² Ready Date 11/30/12	²³ TD 5433MD 5418TVD	²⁴ PBTD 5364	²⁵ Perforations 3720 - 4960	²⁶ DHC, MC
²⁷ Hole Size 17-1/2	²⁸ Casing & Tubing Size 13-3/8	²⁹ Depth Set 250	³⁰ Sacks Cement 1000sx		
11	8-5/8	870	400sx		
7-7/8	5-1/2	5420	950sx		
	2-7/8 tbg	5171			

V. Well Test Data

³¹ Date New Oil 12/16/12	³² Gas Delivery Date 12/16/12	³³ Test Date 12/19/12	³⁴ Test Length 24	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 56	³⁹ Water 411	⁴⁰ Gas 108	⁴¹ Test Method P	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION Approved by: 	
Printed name: Chasity Jackson		Title: Dist 11 Geologist	
Title: Regulatory Analyst		Approval Date: 2/5/13	
E-mail Address: cjackson@concho.com			
Date: 1/14/13	Phone: 432-686-3087		

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JAN 18 2013

Daily Wellbore Schematics Report

1

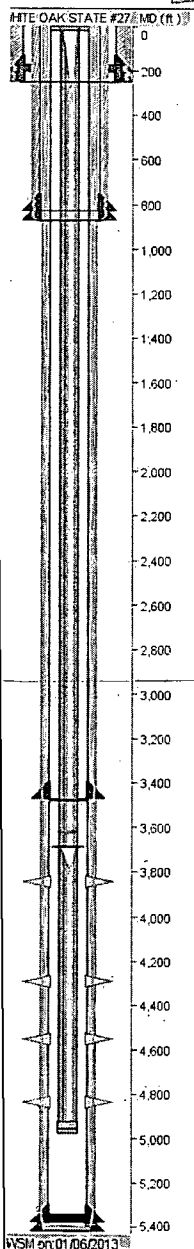
ID: 30-015-40570

NMOCD ARTESIA

Well Name: WHITE OAK STATE #27

Event#: 3

Report Dates: 01/06/2013



PIPE SPECIFICATION

STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDNT	GRD	CONN
SURFACE	GUIDE SHOE		248.86	250.00	1.14	14.38				8RD.
SURFACE	CASING	1	206.66	248.86	42.20	13.38	12.71	48.0	H-40	8RD.
SURFACE	INSERT FLOAT		206.66	206.66	0.00					8RD.
SURFACE	CASING	5	-4.10	206.66	210.76	13.38	12.71	48.0	H-40	8RD.
PRODUCTION	FLOAT SHOE		5418.45	5419.92	1.47	6.05				8RD.
PRODUCTION	CASING	1	5377.34	5418.45	41.11	5.50	4.89	17.0	J-55	8RD.
PRODUCTION	FLOAT COLLAR		5376.04	5377.34	1.30	6.05				8RD.
PRODUCTION	CASING	46	3484.76	5376.04	1891.28	5.50	4.89	17.0	J-55	8RD.
PRODUCTION	MARKER JOINT	1	3470.14	3484.76	14.62	5.50	4.89	17.0	J-55	8RD.
PRODUCTION	CASING	84	17.00	3470.14	3453.14	5.50	4.89	17.0	J-55	8RD.
PRODUCTION	LJ		-2.70	17.00	19.70	5.50	4.89	17.0	J-55	8RD.
TUBING	BULL PLUG		5170.38	5171.13	0.75					
TUBING	MUD ANCHOR	6	4975.46	5170.38	194.92					
TUBING	DESANDER		4956.16	4975.46	19.30	2.88	2.44	6.5	J-55	
TUBING	SEAT NIPPLE		4955.06	4956.16	1.10	2.88	2.44	6.5	J-55	
TUBING	ENDURA JT		4923.16	4955.06	31.90	2.88	2.44	6.5	J-55	
TUBING	TUBING	38	3690.01	4923.16	1233.15	2.88	2.44	6.5	J-55	
TUBING	TUBING ANCHOR		3687.21	3690.01	2.80	4.50	2.44	6.5	J-55	
TUBING	TUBING	2	3622.23	3687.21	64.98	2.88	2.44	6.5	J-55	
TUBING	PUP JOINT		3620.23	3622.23	2.00	2.88	2.44	6.5	J-55	
TUBING	TUBING	111	0.00	3620.23	3620.23	2.88	2.44	6.5	J-55	
TUBING				0.00	0.00					
INTERMEDIATE	GUIDE SHOE		868.91	870.00	1.09	9.63				8RD.
INTERMEDIATE	CASING	1	827.60	868.91	41.31	8.63	8.10	24.0	J-55	8RD.
INTERMEDIATE	FLOAT COLLAR		826.20	827.60	1.40	9.63				8RD.
INTERMEDIATE	CASING	20	-4.38	826.20	830.58	8.63	8.10	24.0	J-55	8RD.

CEMENTING

STRING NAME	STAGE #	LEAD TOP (est) (ft)	LEAD TOP (ver) (ft)	TAIL TOP (est) (ft)	TAIL TOP (ver) (ft)
SURFACE	1	0.0	0.0	0.0	0.0
SURFACE	2	0.0			
PRODUCTION	1	0.0	0.0		
INTERMEDIATE	1	0.0	0.0		

BHA STRING

DRILL EQUIP CODE	DESCRIPTION	LENGTH	OD SIZE	ID SIZE
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PERFORATION

ZONE	JOB REPORT DATE	ZONE NAME	TOP DEPTH	BOTTOM DEPTH	HOLE SIZE	PEN SIZE	SQUEEZED
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ID: 30-015-40570

Well Name: WHITE OAK STATE #27

Event#: 3

Report Dates: 01/06/2013

PERFORATION							
ZONE	JOB REPORT DATE	ZONE NAME	TOP DEPTH	BOTTOM DEPTH	HOLE SIZE	PEN SIZE	SQUEEZED
1	11/17/2012	BLINEBRY	4710.00	4960.00	0.25	22.40	N
2	11/21/2012	BLINEBRY	4450.00	4650.00	0.25	22.40	N
3	11/21/2012	BLINEBRY	4190.00	4390.00	0.25	22.40	N
4	11/21/2012	PADDOCK	3720.00	3970.00	0.25	22.40	N