

District I
1825 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 W. Illinois Avenue Midland, TX 79701		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW 8/22/12
⁴ API Number 30 - 015 - 39781	⁵ Pool Name Penasco Draw; San Andres, Yeso	
⁷ Property Code 38979	⁸ Property Name Pinto 36 State Com	⁶ Pool Code 50270
		⁹ Well Number 1H

II. ¹⁰ Surface Location

UL or lot no. M	Section 36	Township 18S	Range 25E	Lot Idn	Feet from the 150	North/South line South	Feet from the 380	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. D	Section 36	Township 18S	Range 25E	Lot Idn	Feet from the 352	North/South line North	Feet from the 382	East/West line West	County Eddy
¹² Lse Code P	¹³ Producing Method Code P	¹⁴ Gas Connection Date 8/22/12	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
33479	HollyFrontier Refining & Marketing LLC	O
36785	dcp Midstream	G
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IV. Well Completion Data

²¹ Spud Date 6/8/12	²² Ready Date 8/22/12	²³ TD 6938MD 2323TVD	²⁴ PBDT 6938	²⁵ Perforations 2835 - 6898	²⁶ DHC, MC
²⁷ Hole Size 12-1/4	²⁸ Casing & Tubing Size 9-5/8	²⁹ Depth Set 1222	³⁰ Sacks Cement 1050		
7-7/8	5-1/2	6898	650		
	2-7/8 tbg	1832			

V. Well Test Data

³¹ Date New Oil 8/29/12	³² Gas Delivery Date 9/23/12	³³ Test Date 9/23/12	³⁴ Test Length 24	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 182	³⁹ Water 490	⁴⁰ Gas 288	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:

C. Jackson

Printed name:

Chasity Jackson

Title:

Regulatory Analyst

E-mail Address:

cjackson@concho.com

Date:

11/13/12

Phone:

432-686-3087

OIL CONSERVATION DIVISION

Approved by:

T. P. Shepard

Title:

Dist 11 Geologist

Approval Date:

11/19/12

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NOV 16 2012

NMOCD ARTESIA

Daily Wellbore Schematics Report

1

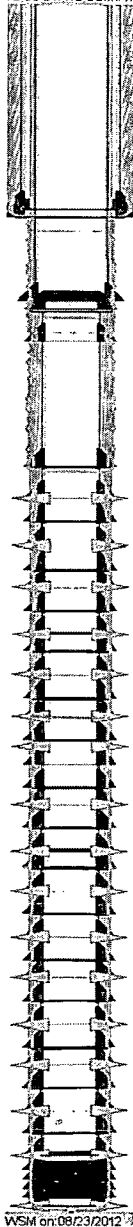
ID: 30-015-39781

Well Name: PINTO 36 STATE COM #1H

Event#: 2.00

Report Dates: 08/23/2012

PINTO 36 STATE COM #1H MD (ft)



PIPE SPECIFICATION

STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDNT	GRD	CONN
SURFACE	FLOAT SHOE		1220.95	1222.00	1.05	10.63				LTC
SURFACE	CASING	1	1176.98	1220.95	43.97	9.63	8.77	36.0	J55	LTC
SURFACE	FLOAT COLLAR		1175.38	1176.98	1.60	10.63				LTC
SURFACE	CASING	27	-4.91	1175.38	1180.29	9.63	8.77	36.0	J55	LTC
PRODUCTION	GUIDE SHOE		6897.14	6898.00	0.86	5.00	4.00	11.6	L-80	LTC
PRODUCTION	CASING		6851.78	6897.14	45.36	4.50	4.00	11.6	L-80	LTC
PRODUCTION	STATIC BALL SEAT		6850.64	6851.78	1.14	4.50	1.41	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		6849.47	6850.64	1.17	5.50	4.00	17.0	L-80	LTC
PRODUCTION	HYDRO-PORT		6846.92	6849.47	2.55	7.00	4.50	17.0	L-80	LTC
PRODUCTION	CASING	1	6802.95	6846.92	43.97	5.50	4.89	17.0	L-80	LTC
PRODUCTION	HYDRO-PORT		6800.40	6802.95	2.55	7.00	4.50	17.0	L-80	LTC
PRODUCTION	CASING	1	6760.60	6800.40	39.80	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		6757.50	6760.60	3.10	5.50	4.89	17.0	L-80	LTC
PRODUCTION	HYDRO-PAC		6754.39	6757.50	3.11	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		6748.28	6754.39	6.11	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	1	6704.82	6748.28	43.46	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		6701.68	6704.82	3.14	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		6697.55	6701.68	4.13	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		6691.50	6697.55	6.05	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	2	6612.85	6691.50	78.65	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT SLEEVE		6609.30	6612.85	3.55	5.50	2.16	17.0	L-80	LTC
PRODUCTION	CASING	3	6489.01	6609.30	120.29	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		6485.87	6489.01	3.14	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		6481.78	6485.87	4.09	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		6475.74	6481.78	6.04	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	3	6354.98	6475.74	120.76	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT SLEEVE		6351.43	6354.98	3.55		2.28	17.0	L-80	LTC
PRODUCTION	CASING	3	6227.38	6351.43	124.05	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		6224.24	6227.38	3.14	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		6220.13	6224.24	4.11	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		6214.42	6220.13	5.71	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	3	6087.77	6214.42	126.65	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT SLEEVE		6084.22	6087.77	3.55		2.41	17.0	L-80	LTC
PRODUCTION	CASING	2	5997.22	6084.22	87.00	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		5994.07	5997.22	3.15	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		5989.99	5994.07	4.08	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		5983.96	5989.99	6.03	5.54	4.89	17.0	L-80	LTC
PRODUCTION	CASING	3	5862.25	5983.96	121.71	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT SLEEVE		5858.70	5862.25	3.55		2.53	17.0	L-80	LTC
PRODUCTION	CASING	3	5732.71	5858.70	125.99	5.50	4.89	17.0	L-80	LTC

WSM on 08/23/2012

PIPE SPECIFICATION										
STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDNT	GRD	CONN
PRODUCTION	CENTRALIZER		5729.57	5732.71	3.14	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		5725.51	5729.57	4.06	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		5719.45	5725.51	6.06	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	3	5588.55	5719.45	130.90	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT SLEEVE		5585.00	5588.55	3.55		2.66	17.0	L-80	LTC
PRODUCTION	CASING	2	5497.54	5585.00	87.46	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		5494.40	5497.54	3.14	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		5490.27	5494.40	4.13	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		5484.22	5490.27	6.05	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	3	5357.39	5484.22	126.83	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT SLEEVE		5353.84	5357.39	3.55		2.78	17.0	L-80	LTC
PRODUCTION	CASING	3	5226.82	5353.84	127.02	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		5223.68	5226.82	3.14	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		5219.61	5223.68	4.07	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		5213.56	5219.61	6.05	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	3	5091.16	5213.56	122.40	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT SLEEVE		5087.61	5091.16	3.55		2.91	17.0	L-80	LTC
PRODUCTION	CASING	3	4963.64	5087.61	123.97	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		4960.50	4963.64	3.14	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		4956.45	4960.50	4.05	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		4950.39	4956.45	6.06	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	2	4867.29	4950.39	83.10	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT SLEEVE		4863.74	4867.29	3.55		3.03	17.0	L-80	LTC
PRODUCTION	CASING	3	4734.78	4863.74	128.96	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		4731.63	4734.78	3.15	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		4727.55	4731.63	4.08	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		4721.51	4727.55	6.04	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	3	4594.99	4721.51	126.52	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT SLEEVE		4591.44	4594.99	3.55		3.16	17.0	L-80	LTC
PRODUCTION	CASING	2	4504.06	4591.44	87.38	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		4500.96	4504.06	3.10	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		4496.83	4500.96	4.13	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		4490.73	4496.83	6.10	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	3	4361.59	4490.73	129.14	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT SLEEVE		4358.04	4361.59	3.55		3.28	17.0	L-80	LTC
PRODUCTION	CASING	3	4227.51	4358.04	130.53	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		4224.42	4227.51	3.09	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		4220.29	4224.42	4.13	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		4214.18	4220.29	6.11	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	3	4086.11	4214.18	128.07	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT SLEEVE		4082.56	4086.11	3.55		3.41	17.0	L-80	LTC
PRODUCTION	CASING	2	3995.15	4082.56	87.41	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		3992.03	3995.15	3.12	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		3987.91	3992.03	4.12	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		3981.88	3987.91	6.03	5.50	4.89	17.0	L-80	LTC

PIPE SPECIFICATION

STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDNT	GRD	CONN
PRODUCTION	CASING	3	3850.29	3981.88	131.59	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT SLEEVE		3846.74	3850.29	3.55		3.53	17.0	L-80	LTC
PRODUCTION	CASING	3	3720.33	3846.74	126.41	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		3717.17	3720.33	3.16	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		3713.08	3717.17	4.09	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		3707.03	3713.08	6.05	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	2	3619.64	3707.03	87.39	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT SLEEVE		3616.09	3619.64	3.55		3.66	17.0	L-80	LTC
PRODUCTION	CASING	3	3489.66	3616.09	126.43	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		3486.51	3489.66	3.15	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		3482.41	3486.51	4.10	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		3476.36	3482.41	6.05	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	3	3345.81	3476.36	130.55	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT SLEEVE		3342.26	3345.81	3.55		3.78	17.0	L-80	LTC
PRODUCTION	CASING	2	3254.77	3342.26	87.49	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		3251.63	3254.77	3.14	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		3247.49	3251.63	4.14	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		3241.44	3247.49	6.05	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	3	3110.59	3241.44	130.85	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT SLEEVE		3107.04	3110.59	3.55		4.03	17.0	L-80	LTC
PRODUCTION	CASING	3	2978.60	3107.04	128.44	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		2975.50	2978.60	3.10	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		2971.38	2975.50	4.12	7.25	4.75	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		2965.28	2971.38	6.10	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	3	2839.69	2965.28	125.59	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PORT SLEEVE		2836.14	2839.69	3.55		4.28	17.0	L-80	LTC
PRODUCTION	CASING	4	2661.91	2836.14	174.23	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CENTRALIZER		2658.74	2661.91	3.17	5.50	4.89	17.0	L-80	LTC
PRODUCTION	PRODUCTION		2654.63	2658.74	4.11	7.63	4.89	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		2648.61	2654.63	6.02	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CASING	17	1931.68	2648.61	716.93	5.50	4.89	17.0	L-80	LTC
PRODUCTION	DEBRIS SUB		1930.51	1931.68	1.17		1.91	17.0	L-80	LTC
PRODUCTION	CASING	4	1761.90	1930.51	168.61	5.50	4.89	17.0	L-80	LTC
PRODUCTION	DT / ESP TOOL		1743.10	1761.90	18.80	7.75		17.0	L-80	LTC
PRODUCTION	CASING	1	1699.67	1743.10	43.43	5.50	4.89	17.0	L-80	LTC
PRODUCTION	CROSS OVER UP		1697.44	1699.67	2.23	7.00	4.89	26.0	L-80	LTC
PRODUCTION	CASING	38	-2.60	1697.44	1700.04	7.00	6.28	26.0	L-80	LTC

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				
PRODUCTION	1	0.0	0.0		

BHA STRING									
DRILL EQUIP CODE		DESCRIPTION		LENGTH		OD SIZE		ID SIZE	
PERFORATION									
ZONE	JOB REPORT DATE	ZONE NAME	TOP DEPTH	BOTTOM DEPTH	HOLE SIZE	PEN SIZE	SQUEEZED		
1	08/03/2012	YESO HORIZONTAL	6897.00	6898.00	0.25	0.00	N		
2	08/09/2012	YESO HORIZONTAL	6609.00	6610.00	0.25	0.00	N		
3	08/09/2012	YESO HORIZONTAL	6351.00	6352.00	0.25	0.00	N		
4	08/09/2012	YESO HORIZONTAL	6084.00	6085.00	0.25	0.00	N		
5	08/09/2012	YESO HORIZONTAL	5856.00	5857.00	0.25	0.00	N		
6	08/09/2012	YESO HORIZONTAL	5582.00	5583.00	0.25	0.00	N		
7	08/09/2012	YESO HORIZONTAL	5351.00	5352.00	0.25	0.00	N		
8	08/09/2012	YESO HORIZONTAL	5085.00	5086.00	0.25	0.00	N		
9	08/09/2012	YESO HORIZONTAL	4861.00	4862.00	0.25	0.00	N		
10	08/09/2012	YESO HORIZONTAL	4589.00	4590.00	0.25	0.00	N		
11	08/09/2012	YESO HORIZONTAL	4255.00	4256.00	0.25	0.00	N		
12	08/09/2012	YESO HORIZONTAL	4080.00	4081.00	0.25	0.00	N		
13	08/09/2012	YESO HORIZONTAL	3844.00	3845.00	0.25	0.00	N		
14	08/09/2012	YESO HORIZONTAL	3614.00	3615.00	0.25	0.00	N		
15	08/09/2012	YESO HORIZONTAL	3340.00	3341.00	0.25	0.00	N		
16	08/09/2012	YESO HORIZONTAL	3105.00	3106.00	0.25	0.00	N		
17	08/09/2012	YESO HORIZONTAL	2834.00	2835.00	0.25	0.00	N		