

Dawson, Scott, EMNRD

From: Jordan L. Kessler <JLKessler@hollandhart.com>
Sent: Wednesday, September 19, 2018 11:25 AM
To: Dawson, Scott, EMNRD
Cc: McMillan, Michael, EMNRD
Subject: RE: Conoco Phillips Zia Hills BS/WC Unit Case 16340
Attachments: NMOCD API & Gravity Request (Purple Sage).xlsx

Hi Scott, yes, it is oil. Please see the attached API/production information.

From: Dawson, Scott, EMNRD <Scott.Dawson@state.nm.us>
Sent: Wednesday, September 12, 2018 1:47 PM
To: Jordan L. Kessler <JLKessler@hollandhart.com>
Cc: McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>
Subject: Conoco Phillips Zia Hills BS/WC Unit Case 16340

Hi Jordan,

Can you please verify with Conoco that the production from the WC in this proposed unit is oil.

The testimony stated that the production is oil – but if you could please get the API gravity and GOR expected from their proposed well(s) and any other supporting evidence from nearby producing wells in the Purple Sage Wolfcamp – we can include this in the case file for verification.

Thanks Jordan,

Scott Dawson
Certified Petroleum Geologist
Petroleum Specialist Advanced

New Mexico Oil Conservation Division

<http://www.emnrd.state.nm.us/ocd/>

1220 South St. Francis Drive

Santa Fe, NM 87505

Phone: (505) 476-3480

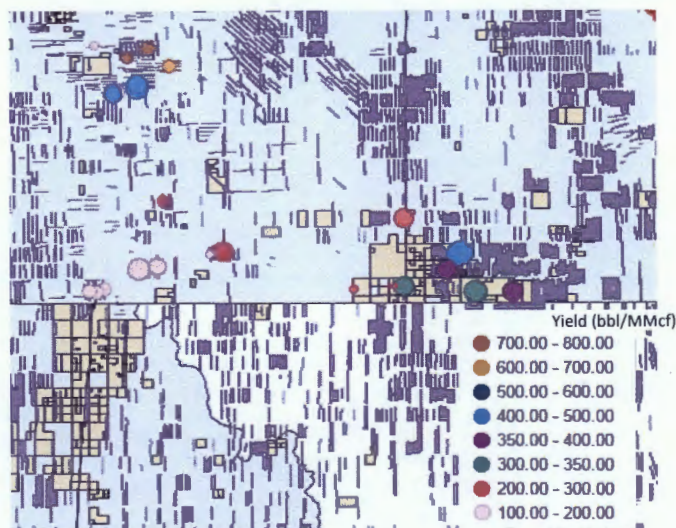
Fax (505) 476-3462

scott.dawson@state.nm.us



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Well Name	OPERATOR	API	API10	Completed Lateral Length	LANDING_ZONE	Lbs Proppant	Foot Lateral	PPG	Length.Norm.KPI
1 GOLDEN SPUR FEDERAL 001H-Y	CONOCOPHILLIPS	30015396490100	300153964901	3850	WOLFCAMP	439.48	0.734302423	29200.97403	
2 COPPERHEAD FEE A 004H	COG	30015412100000	300154121000	6038	WOLFCAMP	2016.89	0.722123165	115118.2097	
3 BRUSHY DRAW NORTH FEDERAL 35 005H	RKI	30015422910000	300154229100	4376	WOLFCAMP	1923.22	1.038579097	95762.96846	
4 RDX FEDERAL COM 17 41H	RKI	30015427430100	300154274301	4446	WOLFCAMP	2145.75	0.96068608	180993.5897	
5 PECOS EAST FEDERAL 22 9H	RKI	30015433490000	300154334900	4232	WOLFCAMP	4153.12	1.101278645	204647.6252	
6 BIG SINKS 1 W1PA FEDERAL COM 002H	MEWBOURNE	30015438000000	300154380000	4591	WOLFCAMP	2348.07	0.929295688	176541.6031	
7 FULLER 14-23 W2LM FEDERAL COM 002H	MEWBOURNE	30015438590000	300154385900	7250	WOLFCAMP	2476.41	0.990460992	143572.4138	
8 CEDAR CANYON '22-15' FEE 033H	OXY	30015439150000	300154391500	5918	WOLFCAMP	1484.62	0.953807211	135046.6796	
9 CEDAR CANYON '23' FEDERAL COM 033H	OXY	30015440740000	300154407400	7228	WOLFCAMP	1464.58	0.845561406	117786.5592	
10 COPPERHEAD 31 FEDERAL COM 021H	COG	30015441180000	300154411800	6679	WOLFCAMP	1819.23	0.716542597	133721.7398	
11 CEDAR CANYON 21 FEDERAL COM 031H	OXY	30015441820000	300154418200	4596	WOLFCAMP	1508.27	0.867839306	101097.9656	
12 SIDEWINDER FEDERAL COM 004H	COG	30015441920000	300154419200	6736	WOLFCAMP	2010.79	0.770205154	134230.0698	
13 MCCORMICK ZACH FED COM 226H	MATADOR	30015442510000	300154425100	4498	WOLFCAMP	2835.04	1.78149782	66624.88884	
14 RDX FEDERAL 17 035H	RKI	30015438840100	300154388401	4508	WOLFCAMP	872.23	0.354634238	69196.70586	
15 GARRETT STATE COM 221H	MATADOR	30015442560000	300154425600	4560	WOLFCAMP	2794.74	1.766899325	190176.261	
16 GARRETT STATE COM 201H	MATADOR	30015444180000	300154441800	4279	WOLFCAMP	2859.55	1.82826326	162354.8142	
17 CEDAR CANYON '27-28' FEDERAL 043H	OXY	30015444370000	300154443700	9824	WOLFCAMP	1531.56	1.210681085	180101.2826	
18 CEDAR CANYON '27-28' FEDERAL 044H	OXY	30015444380000	300154443800	9824	WOLFCAMP	1529.11	1.201563728	197906.4027	
19 GARRETT STATE COM 215H	MATADOR	30015444580000	300154445800	4361	WOLFCAMP	2920.43	1.858205441	156229.3625	
Within our ZH acreage									
20 GOLDEN SPUR WC 25 2H	CONOCOPHILLIPS	30015412350100	300154123501	3899	WOLFCAMP	1100.7	87.35714286	187915.1706	
21 STAMPEDE FEDERAL WOLFCAMP COM 34 1H	CONOCOPHILLIPS	30015421230000	300154212300	6482	WOLFCAMP	1096.58	1.036484622	57110.26689	
22 RED HILLS WEST 16 STATE W1 11H	CONOCOPHILLIPS	30025417070000	300254170700	3901	WOLFCAMP	1807.89	1.202038537	231052.2943	
23 WAR HAMMER 25 FEDERAL COM W1 003H	CONOCOPHILLIPS	30025420270000	300254202700	6467	WOLFCAMP	2644.15	3.601599106	177175.4678	
24 BATTLE AXE 27 FEDERAL COM 2H	CONOCOPHILLIPS	30025428960000	300254289600	6670	WOLFCAMP	2726.35	1.21219599	202355.6972	
25 RED HILLS WEST 21 W1DM FEDERAL COM 002H	MEWBOURNE	30025434270000	300254342700	4338	WOLFCAMP	2432.92	0.939757733	183090.4219	



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DATE_COMPLETION	Scaling	DEPTH_TRUE_VERTICAL	DEPTH_TOTAL_PROJECTED	YEAR_COMPLETION	API gravity	Test Yield, bbl/MMcf
1 12/19/2012 18:00	1.948051948	8974	13327	2012		192
2 7/24/2017 19:00	1.242133157	10647	17595	2017 NA		60
3 4/19/2017 19:00	1.713893967	10593	15443	2017		315
4 2/5/2017 18:00	1.686909582	10984	15732	2017		194
5 5/13/2017 19:00	1.77221172	10945	15723	2017		122
6 4/28/2017 19:00	1.633631017	12072	17296	2017	51.3	477
7 5/11/2017 19:00	1.034482759	11207	18953	2017	57	68
8 6/20/2017 19:00	1.267320041	10090	17202	2017		512
9 8/2/2017 19:00	1.037631433	10329	18052	2017		361
10 8/13/2017 19:00	1.122922593	10759	17848	2017		56
11 10/12/2017 19:00	1.631853786	9949	14816	2017		
12 9/1/2017 19:00	1.113420428	10757	17602	2017		105
13 11/4/2017 19:00	1.667407737	11021	15438	2017		88
14 2/24/2018 18:00	1.663708962	11544	16240	2018		92
15 2/19/2018 18:00	1.644736842	11049	15200	2018	62	136
16 2/2/2018 18:00	1.752745969	9949	14650	2018	47.1	393
17 1/2/2018 18:00	0.763436482	10104	20149	2018		560
18 1/2/2018 18:00	0.763436482	10106	20035	2018		560
19 2/4/2018 18:00	1.719789039	10119	14500	2018	48.1	449
20 3/11/2014 19:00	1.923570146	11874	16396	2014	48.3	340
21 11/23/2014 18:00	1.157050293	11635	18402	2014	50.7	240
22 12/3/2015 18:00	1.922583953	12231	16824	2015	48.1	350
23 7/11/2017 19:00	1.159734034	12250	19045	2017		420
24 6/12/2017 19:00	1.124437781	12030	19274	2017	47.7	412
25 9/10/2017 19:00	1.728907331	12055	16843	2017		351

Most western COP well in ZH acreage