

**OCD CATHODIC PROTECTION DEEPWELL GROUNDBED REPORT
DATA SHEET: NORTHWESTERN NEW MEXICO**

OPERATOR: ConocoPhillips CO.
FARMINGTON, NM 87401
PHONE: 599-3400

SUBMIT 2 COPIES TO O.C.D. AZTEC OFFICE

LOCATION INFORMATION

API NUMBER: **3004535136**

WELL NAME OR PIPELINE SERVED: **EPNG COM C / 5M** LEGAL LOCATION: **16-32N-10W** INSTALLATION DATE: **4/13/2011**

PPCO. RECTIFIER NO.: **10416W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **B-11127-3**

GROUNDBED INFORMATION

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **20'** CASING CEMENTED

TOP ANODE DEPTH: **160'** BOTTOM ANODE DEPTH: **272'**

ANODE DEPTHS: **160', 168', 176', 184', 192', 200', 208', 216', 224', 232', 240', 248', 256', 264', 272'**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): **230'** WATER DEPTH (2): **300'**

GAS DEPTH: **—** CEMENT PLUGS: **—**



OTHER INFORMATION

TOP OF VENT PERFORATIONS: **160'** VENT PIPE DEPTH: **300'**

REMARKS:

IF ANY OF THE ABOVE INFORMATION IS UNAVAILABLE, PLEASE INDICATE SO. COPIES OF ALL LOGS, INCLUDING DRILLERS LOGS, WATER ANALYSIS, AND WELL BORE SCHEMATICS SHOULD BE SUBMITTED WHEN AVAILABLE. UNPLUGGED UNABANDONED WELLS ARE TO BE INCLUDED.

*- LAND TYPE MAY BE SHOWN: F-FEDERAL; I-INDIAN; S-STATE; P-FEE
IF FEDERAL OR INDIAN, ADD LEASE NUMBER.



COMPANY: Conoco Phillips
COMPANY REP.: Randy Smith
LOCATION: EPNG COM C / 5M
JOB NO.: 140798
FOREMAN: Ron Luna
DRILLER: Darrel Ferrier

DATE: 4/13/2011
DIA. HOLE: 7 7/8"
DEPTH: 300
COKE TYPE: SW
OF COKE: 50
OF BENTONITE: 0

CASING: SCH 40 PVC
DIAMETER: 8"
CASING DEPTH: 20'
OF ANODES: 15
ANODE TYPE: 2284Z
ANODE LEAD: HWMIPE #8

RECTIFIER MFG:
MODEL:
SERIAL #:
V-DC: A-DC:

WELL LOG													ANODE PLACEMENT				
DEPTH FT.	DRILLERS LOG - SOIL TYPE	VOLTS	AMPS	COMMENTS / ANODE #	DEPTH FT.	DRILLERS LOG - SOIL TYPE	VOLTS	AMPS	COMMENTS / ANODE #	ANODE NO.	ANODE DEPTH	AMPS W/O COKE	AMPS W/ COKE				
0	CASING	13.30			250	GRAY/TAN SANDSTONE SHALE		2.20	WET 248' Anode #4	1	272	1.30	4.10				
5	CASING				255	GRAY/TAN SANDSTONE SHALE		2.20	WET 256' Anode # 3	2	264	2.30	5.70				
10	CASING				260	GRAY/TAN SANDSTONE SHALE		2.40	WET	3	256	2.30	6.20				
15	CASING				265	GRAY/TAN SANDSTONE SHALE		2.30	WET 264' Anode #2	4	248	2.20	5.70				
20	CASING				270	GRAY/TAN SANDSTONE SHALE		1.70	WET 272' -Anode #1	5	240	0.70	5.00				
25	GREEN/PURPLE SHALE				275	GRAY SANDSTONE/SHALE		0.50	WET	6	232	0.40	3.80				
30	GREEN/PURPLE SHALE				280	GRAY SANDSTONE/SHALE		0.40	WET	7	224	0.70	4.00				
35	GREEN/PURPLE SHALE				285	GRAY SANDSTONE/SHALE		1.00	WET	8	216	0.80	4.50				
40	GREEN/PURPLE SHALE				290	GRAY SANDSTONE/SHALE			WET	9	208	0.80	5.10				
45	TAN SANDSTONE				295	GRAY SANDSTONE/SHALE			WET	10	200	1.00	5.80				
50	TAN SANDSTONE				300	GRAY SANDSTONE/SHALE			WET	11	192	0.80	6.70				
55	GRAY SANDSTONE/SHALE				305					12	184	2.90	7.70				
60	GRAY SANDSTONE/SHALE				310					13	176	2.30	5.80				
65	GRAY SANDSTONE/SHALE				315					14	168	2.80	7.50				
70	GRAY SANDSTONE/SHALE				320					15	160	1.30	6.20				
75	GRAY SANDSTONE/SHALE				325					16							
80	GRAY SANDSTONE/SHALE				330					17							
85	GRAY SANDSTONE/SHALE		1.40		335					18							
90	GRAY SANDSTONE/SHALE		0.80		340					19							
95	TAN SANDSTONE		0.20		345					20							
100	TAN SANDSTONE		0.10		350					21							
105	TAN SANDSTONE		0.20		355					22							
110	TAN SANDSTONE		0.30		360					23							
115	TAN SANDSTONE		0.50		365					24							
120	TAN SANDSTONE		0.40		370					25							
125	TAN SANDSTONE		0.30		375					GROUNDBED RESISTANCE							
130	TAN SANDSTONE		0.20		380												
135	TAN SANDSTONE		0.30		385												
140	TAN SANDSTONE		0.50		390												
145	TAN SANDSTONE		0.90		395												
150	TAN SANDSTONE		0.80		400												
155	GREEN SHALE		1.20		405												
160	GREEN SHALE		1.20	160'-Anode # 15	410												
165	GREEN SHALE		2.10		415												
170	GREEN SHALE		2.40	168'-Anode#14	420												
175	LT. GRAY SHALE		2.20	176'-Anode #13	425												
180	LT. GRAY SHALE		2.30		430												
185	LT. GRAY SHALE		2.50	184'-Anode #12	435												
190	LT. GRAY SHALE		1.10	192'-Anode #11	440												
195	LT. GRAY SHALE		0.80		445												
200	LT. GRAY SHALE		0.90	200'- Anode #10	450												
205	TAN SANDSTONE		0.80		455												
210	TAN SANDSTONE		0.70	208'-Anode #9	460												
215	TAN SANDSTONE		0.60	216'- Anode #8	465												
220	TAN SANDSTONE		0.80		470												
225	GRAY & TAN SANDSTONE		0.50	224'-Anode #7	475												
230	GRAY & TAN SANDSTONE		0.30	WET 232'-Anode #6	480												
235	GRAY & TAN SANDSTONE		0.30	WET	485												
240	GRAY & TAN SANDSTONE		0.40	WET 240'-Anode #5	490												
245	GRAY & TAN SANDSTONE		1.90	WET	495												
													7				