

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

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

OPERATOR ConocoPhillips CO
FARMINGTON, NM 87401
PHONE 599-3400

LOCATION INFORMATION

API Number **3003930876**

WELL NAME OR PIPELINE SERVED: **FEDERAL / 12N** LEGAL LOCATION: **23-026N-06W** INSTALLATION DATE: **8/5/2011**

PPCO. RECTIFIER NO.: **10441W** ADDITIONAL WELLS: **FEDERAL 12N / 12E**

TYPE OF LEASE: LEASE NUMBER: **SF-079295**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **146'** BOTTOM ANODE DEPTH: **280'**

ANODE DEPTHS: **146', 158', 170', 182', 194', 206', 218', 230', 268', 280'**

AMOUNT OF COKE: **60 BAGS**

WATER INFORMATION

WATER DEPTH (1): **---** WATER DEPTH (2): **---**

GAS DEPTH: **---** CEMENT PLUGS: **---**

RCVD AUG 31 '11

OIL CONS. DIV.

DIST. 3

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: FEDERAL / 12N
 JOB NO.: 140815
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

DATE: 8/5/2011
 DIA. HOLE: 7 7/8"
 DEPTH: 300
 COKE TYPE: SW
 # OF COKE: 60
 # OF BENTONITE: 0

CASING: SCH 40 PVC
 DIAMETER: 8"
 CASING DEPTH: 20'
 # OF ANODES: 10
 ANODE TYPE: 2284Z
 ANODE LEAD: HWMPE #8

corrpro®

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	12.60			250	SANDSTONE		0.50		1	280	1.80	2.60
5	CASING				255	SANDSTONE		0.50		2	268	1.40	2.70
10	CASING				260	SANDSTONE		0.40		3	230	1.20	4.30
15	CASING				265	SANDSTONE		0.40		4	218	2.70	5.70
20	CASING				270	SANDSTONE		1.10		5	206	4.20	7.20
25	SANDSTONE				275	SANDSTONE		1.70		6	194	2.60	5.80
30	SANDSTONE				280	SANDSTONE		1.70		7	182	1.60	5.60
35	SANDSTONE				285	SANDY SHALE		2.10		8	170	3.60	6.90
40	SANDSTONE				290	SANDY SHALE				9	158	3.50	7.00
45	SANDSTONE				295	SANDY SHALE				10	146	2.90	6.20
50	SANDSTONE				300	SANDY SHALE				11			
55	SANDSTONE				305					12			
60	SANDSTONE				310					13			
65	SANDSTONE				315					14			
70	SANDSTONE				320					15			
75	SANDSTONE				325					16			
80	SANDSTONE		-0.09		330					17			
85	SANDSTONE		1.80		335					18			
90	SANDSTONE		1.30		340					19			
95	SANDSTONE		0.70		345					20			
100	SANDSTONE		0.50		350					21			
105	SANDSTONE		0.70		355					22			
110	SANDSTONE		0.70		360					23			
115	SANDSTONE		1.20		365					24			
120	SANDSTONE		2.20		370					25			
125	SANDSTONE		1.60		375					12.60 17.40 0.72 OHMS			
130	SANDSTONE		0.90		380								
135	SANDSTONE		1.20		385								
140	SANDSTONE		2.00		390								
145	SANDSTONE		2.60		395								
150	SANDY SHALE		3.10		400					SITE ELEVATION: 6731' WATER CONDUCTIVITY: ADDITIONAL COMMENTS: DRILL W/ H2O 290'-300'			
155	SANDY SHALE		3.50		405								
160	SANDY SHALE		3.30		410								
165	SANDY SHALE		2.80		415					COKE LEVEL: 129' EXTRA CASING USED:			
170	SANDY SHALE		3.50		420								
175	SANDY SHALE		3.00		425								
180	SANDY SHALE		2.10		430								
185	SANDSTONE		1.40		435								
190	SANDSTONE		2.80		440								
195	SANDSTONE		3.00		445								
200	SANDSTONE		1.50		450								
205	SHALE		3.50		455								
210	SHALE		4.10		460								
215	SHALE		3.70		465								
220	SHALE		2.70		470								
225	SHALE		2.10		475								
230	SHALE		1.20		480								
235	SHALE		0.40		485								
240	SHALE		0.50		490								
245	SANDSTONE		0.40		495								