

**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: 3004535104

WELL NAME OR PIPELINE SERVED: SUSCO 16 STATE / 3 LEGAL LOCATION: 16-32N-08W INSTALLATION DATE: 5/3/2011

PPCO. RECTIFIER NO.: 5191W ADDITIONAL WELLS: SUSCO 16 STATE / 101, 3

TYPE OF LEASE: LEASE NUMBER: V-88-1

GROUND BED INFORMATION

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

TOP ANODE DEPTH: 195' BOTTOM ANODE DEPTH: 285'

ANODE DEPTHS: 195', 205', 215', 225', 235', 245', 255', 265', 275', 285'

AMOUNT OF COKE: 45 BAGS

WATER INFORMATION

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

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: SUSCO STATE 16 STATE 3
JOB NO.: 140734
FOREMAN: Ron Luna
DRILLER: Darrel Ferrier

DATE: 5/3/2011
DIA. HOLE: 7 7/8"
DEPTH: 300
COKE TYPE: SW
OF COKE: 45
OF BENTONITE: 0

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

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

WELL LOG

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	13.80			250	SANDY SHALE	3.00		Wet.	1	285	2.90	6.20
5	CASING				255	GRAY SHALE SANDSTONE	3.60		255-Anode #4	2	275	2.90	7.40
10	CASING				260	GRAY SHALE SANDSTONE	3.60		Wet.	3	265	3.80	8.30
15	CASING				265	GRAY SHALE SANDSTONE	3.70		265 -Anode #3	4	255	3.60	7.90
20	CASING				270	GRAY SHALE SANDSTONE	3.70		Wet.	5	245	2.20	7.00
25	BROWN SANDSTONE				275	GRAY SHALE SANDSTONE	3.10		275-Anode #2	6	235	1.90	6.70
30	BROWN SANDSTONE				280	GRAY SHALE SANDSTONE	2.70		Wet.	7	225	2.10	7.00
35	BROWN SANDSTONE				285	GRAY SHALE SANDSTONE	2.80		285 -Anode # 1	8	215	1.80	7.90
40	BROWN SANDSTONE				290	GRAY SHALE SANDSTONE	3.10		Wet.	9	205	1.90	7.70
45	SHALE				295	GRAY SHALE SANDSTONE	3.10		Wet.	10	195	1.00	4.60
50	SHALE				300	GRAY SHALE SANDSTONE			Wet.	11			
55	SHALE				305					12			
60	SHALE				310					13			
65	GRAY SANDSTONE				315					14			
70	GRAY SANDSTONE				320					15			
75	GRAY SANDSTONE				325					16			
80	GRAY SANDSTONE	0.20			330					17			
85	GRAY SANDSTONE	0.30			335					18			
90	GRAY SANDSTONE	0.40			340					19			
95	GRAY SANDSTONE	0.50			345					20			
100	GRAY SANDSTONE	0.70			350					21			
105	SHALE	1.40			355					22			
110	SHALE	2.20			360					23			
115	SHALE	2.20			365					24			
120	SHALE	1.90			370					25			
125	SHALE	1.90			375								
130	SHALE	2.00			380								
135	SHALE	1.80			385								
140	SHALE	1.60			390								
145	GRAY SANDSTONE	1.40			395								
150	GRAY SANDSTONE	1.40			400								
155	GRAY SANDSTONE	1.30			405								
160	GRAY SANDSTONE	1.60			410								
165	GRAY SANDSTONE	1.70			415								
170	GRAY SANDY/SHALE	1.80			420								
175	GRAY SANDY/SHALE	1.60			425								
180	GRAY SANDY/SHALE	1.20			430								
185	GRAY SANDY/SHALE	0.90			435								
190	GRAY SANDY/SHALE	0.80			440								
195	GRAY SANDY/SHALE	0.80			445								
200	GRAY SANDY/SHALE	1.10			450								
205	SHALE	1.70			455								
210	SHALE	2.10			460								
215	SHALE	1.80			465								
220	SHALE	1.70			470								
225	SHALE	1.50			475								
230	SHALE	1.40			480								
235	SANDY SHALE	1.50			485								
240	SANDY SHALE	1.40			490								
245	SANDY SHALE	1.90			495								

GROUND BED RESISTANCE

TOTAL VOLTS: 13.80
TOTAL AMPS: 22.80

0.61 OHMS

SITE ELEVATION: _____
WATER CONDUCTIVITY: _____
ADDITIONAL COMMENTS: _____

Inject w/water 100' to 300'

Coke @ 157 ft.