

**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: 3004535050

WELL NAME OR PIPELINE SERVED: SUNRAY K COM / 1B

LEGAL LOCATION: 32-31N-10W

INSTALLATION DATE: 7/11/2011

PPCO. RECTIFIER NO.: 10471W

ADDITIONAL WELLS:

TYPE OF LEASE:

LEASE NUMBER: B-10567-2

GROUND BED INFORMATION

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

TOP ANODE DEPTH: 157'

BOTTOM ANODE DEPTH: 265'

ANODE DEPTHS: 157', 169', 181', 193', 205', 217', 229', 241', 253', 265'

AMOUNT OF COKE: 50 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.

Wednesday, Nov 2

Page 1 of 1



V-DC: _____ A-DC: _____

WELL LOG

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	12.70			250	SHALE		3.60		1	265	4.20	8.30
5	CASING				255	SHALE		5.00		2	253	4.70	9.10
10	CASING				260	SHALE		4.90		3	241	4.30	8.50
15	CASING				265	SHALE		4.20		4	229	5.70	10.40
20	CASING				270	SHALE		4.40		5	217	5.40	10.30
25	SANDY SHALE				275	SHALE		4.10		6	205	4.40	9.40
30	SANDY SHALE				280	SHALE		4.40		7	193	2.20	6.50
35	SANDY SHALE				285	SHALE		4.10		8	181	2.60	6.40
40	SANDY SHALE				290	SHALE				9	169	1.80	5.90
45	SANDY SHALE				295	SHALE				10	157	3.20	6.90
50	SANDY SHALE				300	SHALE				11			
55	SANDY SHALE				305					12			
60	SANDY SHALE				310					13			
65	SANDY SHALE				315					14			
70	SANDY SHALE				320					15			
75	SANDY SHALE	WET			325					16			
80	SANDSTONE	▼			330					17			
85	SANDSTONE		0.40		335					18			
90	SANDSTONE		0.60		340					19			
95	SANDSTONE		0.70		345					20			
100	SANDSTONE		1.00		350					21			
105	SANDSTONE		1.00		355					22			
110	SANDSTONE		1.50		360					23			
115	SANDSTONE		1.70		365					24			
120	SANDSTONE		1.40		370					25			
125	SANDSTONE		2.00		375					TOTAL VOLTS: 12.70 TOTAL AMPS: 26.10			
130	SANDSTONE		3.40		380								
135	SHALE		3.50		385					0.49 OHM			
140	SHALE		3.70		390								
145	SHALE		3.70		395					SITE ELEVATION: 6208' WATER CONDUCTIVITY: ADDITIONAL COMMENTS: INJECT WITH WATER 80'-300'			
150	SHALE		3.80		400								
155	SHALE		3.30		405					COKE LEVEL: 131 FT			
160	SHALE		2.90		410								
165	SHALE		2.70		415					EXTRA CASING USED: N/A			
170	SHALE		1.70		420								
175	SHALE		1.90		425								
180	SANDSTONE		2.40		430								
185	SANDSTONE		2.70		435								
190	SANDSTONE		2.60		440								
195	SANDSTONE		1.70		445								
200	SANDSTONE		2.30		450								
205	SANDSTONE		4.30		455								
210	SANDSTONE		5.20		460								
215	SANDSTONE		5.10		465								
220	SANDSTONE		5.10		470								
225	SHALE		5.30		475								
230	SHALE		5.20		480								
235	SHALE		4.90		485								
240	SHALE		4.10		490								
245	SHALE		5.10		495								