

**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: **3004535044**

WELL NAME OR PIPELINE SERVED: **ALLISON UNIT COM / 149H** LEGAL LOCATION: **07-32N-062** INSTALLATION DATE: **4/28/2011**

PPCO. RECTIFIER NO.: **10410W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **FEE**

GROUND BED INFORMATION

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **40'** CASING CEMENTED **■**

TOP ANODE DEPTH: **162'** BOTTOM ANODE DEPTH: **270'**

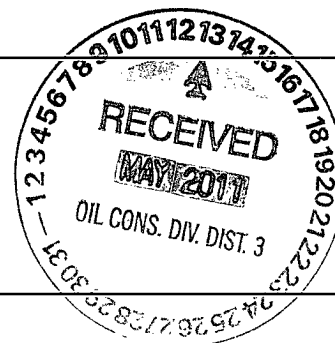
ANODE DEPTHS: **162', 179', 186', 198', 210', 222', 234', 246', 258', 270'**

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.

RECIFIER MFG: _____
 MODEL: _____
 SERIAL #: _____
 A-DC: _____
 V-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	13.60			250	SHALE		1.90		1	270	1.20	4.20
5	CASING				255	SHALE		1.70		2	258	1.80	6.30
10	CASING				260	SHALE		1.60	258'-Anode # 2	3	246	2.30	6.30
15	CASING				265	GRAY SANDY/SHALE		1.50		4	234	3.30	8.20
20	CASING				270	GRAY SANDY/SHALE		1.20	270'-Anode # 1	5	222	2.30	7.30
25	CASING				275	GRAY SANDY/SHALE		0.90		6	210	2.90	8.00
30	CASING				280	GRAY SANDY/SHALE		0.90		7	198	2.80	7.90
35	CASING				285	GRAY SANDSTONE		1.00		8	186	2.80	7.30
40	CASING -WET				290	GRAY SANDSTONE		1.00		9	174	2.70	6.90
45	BROWN SANDSTONE				295	GRAY SANDSTONE				10	162	2.70	5.90
50	BROWN SANDSTONE				300	GRAY SANDSTONE				11			
55	SHALE				305					12			
60	SHALE				310					13			
65	SHALE				315					14			
70	SHALE				320					15			
75	SHALE				325					16			
80	SHALE		1.60		330					17			
85	SHALE		1.60		335					18			
90	SHALE		1.50		340					19			
95	SHALE		0.40		345					20			
100	SHALE		0.60		350					21			
105	GRAY SANDSTONE		0.40		355					22			
110	GRAY SANDSTONE		0.50		360					23			
115	GRAY SANDSTONE		0.40		365					24			
120	GRAY SANDSTONE		0.50		370					25			
125	GRAY SANDY/SHALE		0.60		375					GROUND BED RESISTANCE			
130	GRAY SANDY/SHALE		0.90		380					TOTAL VOLTS: 13.60			
135	GRAY SANDY/SHALE		1.60		385					TOTAL AMPS: 22.60			
140	GRAY SANDY/SHALE		1.80		390					0.60 OHMS			
145	RED SANDY/SHALE		1.60		395								
150	RED SANDY/SHALE		1.90		400								
155	RED SANDY/SHALE		2.30		405								
160	RED SANDY/SHALE		2.60	162'-Anode # 10	410								
165	RED SANDY/SHALE		2.60		415								
170	RED SANDY/SHALE		2.50		420								
175	SHALE		2.50	174'-Anode # 9	425					SITE ELEVATION:			
180	SHALE		2.50		430					WATER CONDUCTIVITY:			
185	SHALE		2.70	186'-Anode # 8	435					ADDITIONAL COMMENTS:			
190	SHALE		2.70		440					Drilled wet 0 - 300 ft			
195	SHALE		2.60		445					COKE @ 144 ft			
200	SHALE		2.70	198'-Anode # 7	450								
205	SHALE		2.70		455								
210	SHALE		2.70	210'-Anode # 6	460								
215	SHALE		2.40		465								
220	SHALE		2.30	222'-Anode # 5	470								
225	SHALE		2.60		475								
230	SHALE		2.90		480								
235	SHALE		3.50	234'-Anode # 4	485								
240	SHALE		2.70		490								
245	SHALE		2.20	246'-Anode # 3	495								