

OCD CATHODIC PROTECTION DEEPWELL GROUND BED 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: 3003930631

WELL NAME OR PIPELINE SERVED: SAN JUAN 28-7 UNIT/ 153M LEGAL LOCATION: 20-27N-07W INSTALLATION DATE: 7/28/2011

PPCO. RECTIFIER NO.: FM009A ADDITIONAL WELLS: SJ 28-7 5, 153E, 153M

TYPE OF LEASE: LEASE NUMBER: SF-078640

GROUND BED INFORMATION

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

TOP ANODE DEPTH: 135' BOTTOM ANODE DEPTH: 275'

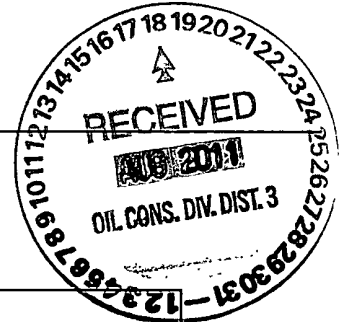
ANODE DEPTHS: 135', 145', 155', 165', 175', 185', 195', 205', 215', 225', 235', 245', 255', 265', 275'

AMOUNT OF COKE: 55 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: SAN JUAN 28-7 / 153M
 JOB NO.: 140715
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

DATE: 7/28/2011
 DIA. HOLE: 7 7/8"
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 55 BAGS
 # OF BENTONITE: 0

CASING: SCH 40 PVC
 DIAMETER: 8"
 CASING DEPTH: 20'
 # OF ANODES: 15
 ANODE TYPE: 2284Z
 ANODE LEAD: HWMPE #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	13.50			250	SANDSTONE		1.00		1	275	1.40	2.70
5	CASING				255	SANDSTONE		1.10	255#3	2	265	1.50	4.80
10	CASING				260	SANDSTONE		1.30		3	255	1.20	4.70
15	CASING				265	SANDSTONE		1.60	265#2	4	245	1.10	3.70
20	CASING				270	SANDSTONE		1.50		5	235	1.10	4.20
25	SANDSTONE				275	SANDSTONE		1.40	275-#1	6	225	1.30	4.20
30	SANDSTONE				280	SANDSTONE		1.20		7	215	0.70	5.00
35	SANDSTONE				285	SANDSTONE				8	205	0.70	4.10
40	SANDSTONE				290	SANDSTONE				9	195	0.40	3.20
45	SANDSTONE				295	SANDSTONE				10	185	0.10	3.00
50	SANDSTONE				300	SANDSTONE				11	175	0.10	2.50
55	SANDSTONE				305					12	165	0.10	2.30
60	SANDSTONE				310					13	155	0.20	2.00
65	SANDSTONE				315					14	145	0.10	1.90
70	SHALE				320					15	135	0.10	1.70
75	SHALE				325					16			
80	SHALE		0.10		330					17			
85	SHALE		0.20		335					18			
90	SHALE		0.10		340					19			
95	SANDSTONE		0.40		345					20			
100	SANDSTONE		0.50		350					21			
105	SANDSTONE		0.10		355					22			
110	SANDSTONE				360					23			
115	SANDSTONE				365					24			
120	SANDSTONE		0.10		370					25			
125	SANDSTONE		0.10		375								
130	SANDSTONE		0.20		380								
135	SANDSTONE		0.10	135-#15	385								
140	SANDSTONE		0.30		390								
145	SANDSTONE		0.10	145-#14	395								
150	SANDSTONE		0.10		400								
155	SANDSTONE		0.20	155-#13	405								
160	SANDSTONE		0.10		410								
165	SANDSTONE		0.10	165-#12	415								
170	SANDSTONE		0.20		420								
175	SANDSTONE		0.20	175-#11	425								
180	SANDSTONE		0.40		430								
185	SANDSTONE		0.40	185-#10	435								
190	SANDSTONE		0.60		440								
195	SANDSTONE		0.70	195-#9	445								
200	SANDSTONE		0.80		450								
205	SANDSTONE		0.70	205-#8	455								
210	SANDSTONE		1.50		460								
215	SANDSTONE		1.60	215-#7	465								
220	SANDSTONE		1.30		470								
225	SANDSTONE		1.00	225-#6	475								
230	SANDSTONE		1.10		480								
235	SANDSTONE		1.00	235-#5	485								
240	SANDSTONE		1.10		490								
245	SANDSTONE		1.10	245-#4	495								
										TOTAL VOLTS: <u>13.50</u> TOTAL AMPS: <u>10.90</u> <u>1.24</u> OHMS			
										SITE ELEVATION: 6571' WATER CONDUCTIVITY: ADDITIONAL COMMENTS:			
										COKE LEVEL: 117'			
										EXTRA CASING USED:			