

**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 **3003930446**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 28-5/ 91N** LEGAL LOCATION: **14-028N-05W** INSTALLATION DATE: **8/10/2011**

PPCO. RECTIFIER NO.: **113W** ADDITIONAL WELLS: **SJ 28-5 91N, 91M**

TYPE OF LEASE: LEASE NUMBER: **SF-079250**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **165'** BOTTOM ANODE DEPTH: **273'**

ANODE DEPTHS: **165', 177', 189', 201', 213', 225', 237', 249', 261', 273'**

AMOUNT OF COKE: **50 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.

Wednesday, Nov 2

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COMPANY: Conoco Phillips
 COMPANY REP.: Randy Smith
 LOCATION: SAN JUAN 28-5 / 91N
 JOB NO.: 140706
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

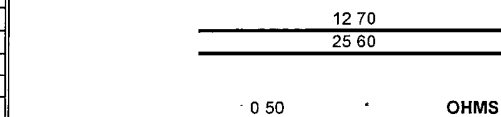
DATE: 8/10/2011
 DIA. HOLE: 7 7/8"
 DEPTH: 300
 COKE TYPE: SW
 # OF COKE: 50
 # OF BENTONITE: 0

CASING: SCH 40 PVC
 DIAMETER: 8"
 CASING DEPTH: 20'
 # OF ANODES: 10
 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	12 70			250	SHALE		3 50	249' #3	1	273	1 10	2 70
5	CASING				255	SHALE		2 70		2	261	1 00	3 80
10	CASING				260	SHALE		0 60	261' #2	3	249	3 70	7 30
15	CASING				265	SHALE		1 00		4	237	3 80	7 60
20	CASING				270	SHALE		1 20		5	225	1 00	5 80
25	BROWN SANDSTONE				275	GRAY SANDSTONE w/SHALE		1 00	273' #1	6	213	1 80	7 70
30	BROWN SANDSTONE				280	GRAY SANDSTONE w/SHALE		0 60		7	201	5 30	10 10
35	BROWN SANDSTONE				285	GRAY SANDSTONE w/SHALE				8	189	5 50	10 40
40	BROWN SANDSTONE				290	GRAY SANDSTONE w/SHALE				9	177	4 60	9 60
45	BROWN SANDSTONE				295	GRAY SANDSTONE w/SHALE				10	165	4 20	8 50
50	BROWN SANDSTONE				300	GRAY SANDSTONE w/SHALE				11			
55	BROWN SANDSTONE				305					12			
60	BROWN SANDSTONE				310					13			
65	BROWN SANDSTONE				315					14			
70	BROWN SANDSTONE				320					15			
75	BROWN SANDSTONE				325					16			
80	BROWN SANDSTONE		-4 40		330					17			
85	SHALE		4 20		335					18			
90	SHALE		4 30		340					19			
95	SHALE		4 20		345					20			
100	SHALE		3 80		350					21			
105	SHALE		4 40		355					22			
110	SHALE		4 50		360					23			
115	SHALE		3 90		365					24			
120	SHALE		3 80		370					25			
125	SHALE		4 90		375								
130	SHALE		6 00		380								
135	SHALE		6 60		385								
140	SHALE		6 10		390								
145	SHALE		5 60		395								
150	SHALE		5 10		400								
155	SHALE		4 90		405								
160	SHALE		4 80		410								
165	SHALE		4 10	165' #10	415								
170	SHALE		3 60		420								
175	SHALE		4 20	177' #9	425								
180	SHALE		5 10		430								
185	SHALE		5 40		435								
190	SHALE		5 20	189' #8	440								
195	SHALE		4 60		445								
200	SHALE		5 10	201' #7	450								
205	SHALE		4 70		455								
210	SHALE		1 40	213' #6	460								
215	SHALE		1 90		465								
220	SHALE		2 20		470								
225	GRAY SANDSTONE		1 00	225' #5	475								
230	GRAY SANDSTONE		2 10		480								
235	GRAY SANDSTONE		3 60	237' #4	485								
240	GRAY SANDSTONE		3 80		490								
245	SHALE		3 80		495								



SITE ELEVATION: 6982'
 WATER CONDUCTIVITY:
 ADDITIONAL COMMENTS:
 COKE LEVEL: 146'
 EXTRA CASING USED: