

**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: **3004535084**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 32-8 UNIT / 21C**

LEGAL LOCATION: **15-31N-08W**

INSTALLATION DATE: **5/3/2011**

PPCO. RECTIFIER NO.: **FM869**

ADDITIONAL WELLS: **SJ 32-8 / 21C and 226A**

TYPE OF LEASE:

LEASE NUMBER: **SF-079004**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **140'**

BOTTOM ANODE DEPTH: **280'**

ANODE DEPTHS: **140', 150', 160', 170', 180', 190', 200', 210', 220', 230', 240', 250', 260', 270', 280'**

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	DATE:	5/3/2011	CASING:	SCH 40 PVC	RECTIFIER MFG:	
COMPANY REP:	Randy Smith	DIA. HOLE:	7 7/8"	DIAMETER:	8"	MODEL:	
LOCATION:	SAN JUAN 32.8 / 21C	DEPTH:	300	CASING DEPTH:	20'	SERIAL #:	
JOB NO.:	140683	COKE TYPE:	SW	# OF ANODES:	15	A -DC:	
FOREMAN:	Ron Luna	# OF COKE:	55 BAGS	ANODE TYPE:	2284Z	V-DC:	
DRILLER:	Darrel Ferrier	# OF BENTONITE:	0	ANODE LEAD:	HWMPE #8	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	13.60			250	GRAY SANDSTONE	0.70		250'-Anode #4	1	280	0.70	3.00
5	CASING				255	GRAY SANDSTONE	0.30			2	270	1.80	4.00
10	CASING				260	GRAY SANDSTONE	0.40		260'-Anode #3	3	260	0.40	3.80
15	CASING				265	SHALE	1.70			4	250	1.00	4.00
20	CASING				270	SHALE	1.70		270'-Anode #2	5	240	0.60	4.40
25	BROWN SANDSTONE				275	SHALE	1.40			6	230	1.70	4.60
30	BROWN SANDSTONE				280	SHALE	0.70		280'-Anode #1	7	220	0.40	3.60
35	BROWN SANDSTONE				285	GRAY SANDSTONE	0.20			8	210	0.40	3.40
40	BROWN SANDSTONE				290	GRAY SANDSTONE	0.10			9	200	0.40	3.20
45	BROWN SANDSTONE				295	GRAY SANDSTONE				10	190	0.90	4.20
50	BROWN SANDSTONE				300	GRAY SANDSTONE				11	180	1.60	4.30
55	BROWN SANDSTONE				305					12	170	0.70	4.10
60	BROWN SANDSTONE				310					13	160	0.80	3.80
65	GRAY SANDSTONE				315					14	150	0.60	3.80
70	GRAY SANDSTONE				320					15	140	1.00	4.10
75	GRAY SANDSTONE				325					16			
80	GRAY SANDSTONE				330					17			
85	SHALE				335					18			
90	SHALE				340					19			
95	SHALE				345					20			
100	SHALE	2.00			350					21			
105	GRAY SANDSTONE	1.70			355					22			
110	GRAY SANDSTONE	1.60			360					23			
115	GRAY SANDSTONE	1.50			365					24			
120	GRAY SANDSTONE	1.30			370					25			
125	GRAY SANDSTONE	1.80			375					GROUND BED RESISTANCE TOTAL VOLTS: 13.60 TOTAL AMPS: 10.80 OHMS: 1.26			
130	GRAY SANDSTONE	1.40			380								
135	GRAY SANDSTONE	1.30			385								
140	GRAY SANDSTONE	1.20			390								
145	GRAY SANDSTONE	0.90			395								
150	GRAY SANDSTONE	0.50			400					SITE ELEVATION: WATER CONDUCTIVITY: ADDITIONAL COMMENTS: COKE LEVEL: 122 ft EXTRA CASING USED: no			
155	GRAY SANDSTONE	0.60			405								
160	GRAY SANDSTONE	0.70			410								
165	GRAY SANDSTONE	0.70			415								
170	GRAY SANDSTONE	0.60			420								
175	GRAY SANDSTONE	1.20			425					COKE LEVEL: 122 ft EXTRA CASING USED: no			
180	GRAY SANDSTONE	1.70			430								
185	GRAY SANDSTONE	1.20			435								
190	GRAY SANDSTONE	0.80			440								
195	GRAY SANDSTONE	0.40			445								
200	GRAY SANDSTONE	0.30			450					COKE LEVEL: 122 ft EXTRA CASING USED: no			
205	GRAY SANDSTONE	0.30			455								
210	GRAY SANDSTONE	0.30			460								
215	GRAY SANDSTONE	0.40			465								
220	GRAY SANDSTONE	0.50			470								
225	SHALE	1.10			475					COKE LEVEL: 122 ft EXTRA CASING USED: no			
230	SHALE	1.60			480								
235	SHALE	1.10			485								
240	GRAY SANDSTONE	0.40			490								
245	GRAY SANDSTONE	0.90			495								