

**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: **3004535253**

WELL NAME OR PIPELINE SERVED: **JOHNS 1/B**

LEGAL LOCATION: **19 32N 11W**

INSTALLATION DATE: **9/12/2012**

PPCO. RECTIFIER NO.: **10575W**

ADDITIONAL WELLS:

TYPE OF LEASE:

LEASE NUMBER:

SF-078118-A

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **155'**

BOTTOM ANODE DEPTH: **275'**

ANODE DEPTHS: **155' 165' 205' 215' 225' 235' 245' 255' 265' 275'**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): **150' TO 300'**

WATER DEPTH (2):

GAS DEPTH: **—**

CEMENT PLUGS: **—**

RCVD SEP 28 '12
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

TOP OF VENT PERFORATIONS: **160'**

VENT PIPE DEPTH: **300'**

REMARKS:

COKE DEPTH: 140'

** Accepted for Record ^{BP}*

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 7

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COMPANY: CONOCO
 COMPANY REP.: JOHN TAFOYA
 LOCATION: JOHNS 1B
 JOB NO.: 340140324
 FOREMAN: RON LUNA
 DRILLER: MIKE MORROW

DATE: 9/12/2012
 DIA. HOLE: 7 7/8"
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: 0

CASING: 40'
 DIAMETER: 8"
 CASING DEPTH: 20'
 # OF ANODES: 10
 ANODE TYPE: 2284Z
 ANODE LEAD: HWMPE #8

corrpro

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	13.70		SANDSTONE	250	SHALE		2.60		1	275'	4.00	8.00
5	CASING			SANDSTONE	255	SHALE		2.40		2	265'	2.10	5.80
10	CASING			SANDSTONE	260	SHALE		1.70		3	255'	3.00	6.70
15	CASING			SANDSTONE	265	SANDY SHALE		1.70		4	245'	4.10	8.20
20	CASING			SANDSTONE	270	SANDY SHALE		2.20		5	235'	5.50	10.40
25	SANDSTONE				275	SANDY SHALE		3.70		6	225'	4.00	8.80
30	SANDSTONE				280	SANDY SHALE		3.80		7	215'	3.70	8.40
35	SHALE				285	SHALE		3.10		8	205'	1.40	5.50
40	SHALE				290	SHALE				9	165'	0.40	4.70
45	SANDY SHALE				295	SHALE				10	155'	1.80	5.40
50	SANDY SHALE				300	SHALE			TD	11			
55	SANDY SHALE				305				VENT PIPE DEPTH	12			
60	SANDY SHALE				310					13			
65	SANDSTONE				315					14			
70	SANDSTONE				320					15			
75	SANDSTONE				325					16			
80	SANDSTONE	0.90			330					17			
85	SANDSTONE	0.90			335					18			
90	SANDSTONE	0.80			340					19			
95	SANDSTONE	1.30			345					20			
100	SANDSTONE	2.00			350					21			
105	SHALE	1.20			355					22			
110	SHALE	0.60			360					23			
115	SANDSTONE	0.50			365					24			
120	SANDSTONE	0.40			370					25			
125	SANDSTONE	0.20			375								
130	SANDSTONE	2.00			380								
135	SANDSTONE	2.60			385								
140	SANDSTONE	2.90			390								
145	SHALE	2.80			395								
150	SHALE	1.60			400								
155	SHALE	1.30			405								
160	SHALE	1.20			410								
165	SANDSTONE	1.00			415								
170	SANDSTONE	0.90			420								
175	SANDSTONE	0.90			425								
180	SANDSTONE	0.80			430								
185	SANDSTONE	0.70			435								
190	SANDSTONE	0.70			440								
195	SANDSTONE	0.70			445								
200	SANDSTONE	1.10			450								
205	SANDSTONE	1.00			455								
210	SANDSTONE	1.80			460								
215	SANDSTONE	2.80			465								
220	SANDSTONE	2.70			470								
225	SHALE	3.10			475								
230	SHALE	3.40			480								
235	SHALE	4.30			485								
240	SHALE	4.10			490								
245	SHALE	3.30			495								

GROUND BED RESISTANCE

TOTAL VOLTS: 13.70
 TOTAL AMPS: 24.60
 0.55 OHMS

SITE ELEVATION: 6582
 WATER CONDUCTIVITY:
 ADDITIONAL COMMENTS: DRILL WITH WATER 150' TO 30'

COKE LEVEL: 140'
 EXTRA CASING USED 0