

**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: **3003930926**

WELL NAME OR PIPELINE SERVED: **SAN JUAN 27-4 UNIT 150M**

LEGAL LOCATION: **36 27N 04W**

INSTALLATION DATE: **9/20/2012**

PPCO RECTIFIER NO.: **2436W**

ADDITIONAL WELLS:

TYPE OF LEASE:

LEASE NUMBER: **SF-079527**

GROUND BED INFORMATION

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

TOP ANODE DEPTH: **147'**

BOTTOM ANODE DEPTH: **255'**

ANODE DEPTHS: **147, 159, 171, 183, 195, 207, 217, 231, 243, 255,**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): **40'-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: 131'

**Accepted for Record*

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

Page 1 of 1

COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: SAN JUAN 27-4 150M
 JOB NO.: RON LUNA
 FOREMAN: DARREL FERRIER
 DRILLER:

DATE: 9/20/2012
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: 0

CASING: SCH 40 PVC
 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	0.45		BROWN SANDSTON	250	SHALE		1.80		1	255	3.20	7.30
5	CASING			BROWN SANDSTON	255	SANDY SHALE	#1-255	2.80		2	240	2.30	8.40
10	CASING			BROWN SANDSTON	260	SANDY SHALE		3.60		3	231	4.80	12.10
15	CASING			BROWN SANDSTON	265	SANDY SHALE		3.60		4	217	3.20	11.50
20	CASING			BROWN SANDSTON	270	SANDY SHALE				5	207	3.80	10.70
25	BROWN SANDSTONE				275	SANDY SHALE				6	195	3.00	8.90
30	BROWN SANDSTONE				280	SANDY SHALE				7	183	2.90	8.60
35	GRAY SANDSTONE				285	SANDY SHALE				8	171	1.30	6.90
40	GRAY SANDSTONE				290	SANDY SHALE				9	159	3.10	7.60
45	GRAY SANDSTONE				295	SANDY SHALE				10	147	1.20	6.20
50	GRAY SANDSTONE				300	SANDY SHALE				11			
55	SANDY SHALE				305		TD		272'	12			
60	SANDY SHALE				310		VENT PIPE DEPTH		300'	13			
65	SANDY SHALE				315					14			
70	SANDY SHALE				320					15			
75	SANDY SHALE				325					16			
80	SANDY SHALE				330					17			
85	GRAY SANDSTONE		2.40		335					18			
90	GRAY SANDSTONE		4.30		340					19			
95	SHALE		4.30		345					20			
100	SHALE		4.30		350					21			
105	SHALE		4.30		355					22			
110	SHALE		3.90		360					23			
115	SHALE		3.80		365					24			
120	SHALE		2.90		370					25			
125	SHALE		1.00		375					GROUNDBED RESISTANCE TOTAL VOLTS: 15.80 TOTAL AMPS: 30.50 0.45 OHMS			
130	SHALE		0.90		380								
135	GRAY SANDSTONE		0.90		385					SITE ELEVATION: 7277' WATER CONDUCTIVITY: ADDITIONAL COMMENTS: INJECT WATER H2O 40' TO 300'			
140	GRAY SANDSTONE		1.00		390								
145	GRAY SANDSTONE	#10-147	1.00		395					COKE LEVEL 131' EXTRA CASING USED 0			
150	GRAY SANDSTONE		1.10		400								
155	GRAY SANDSTONE		2.30		405								
160	SANDY SHALE	#9-159	2.00		410								
165	SANDY SHALE		2.10		415								
170	GRAY SANDSTONE	#8-171	1.00		420								
175	GRAY SANDSTONE		0.80		425								
180	GRAY SANDSTONE	#7-183	2.00		430								
185	GRAY SANDSTONE		3.20		435								
190	GRAY SANDSTONE		3.80		440								
195	SHALE	#6-195	3.70		445								
200	SHALE		2.70		450								
205	SHALE	#5-207	3.70		455								
210	SHALE		3.00		460								
215	SHALE		1.90		465								
220	SHALE	#4-217	4.50		470								
225	SHALE		4.10		475								
230	SHALE	#3-231	4.60		480								
235	SHALE		3.9		485								
240	SHALE	#2-240	3.40		490								
245	SHALE		2.70		495								