

**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: 3004535340

WELL NAME OR PIPELINE SERVED: ELLA ROSE 1 12

LEGAL LOCATION: 34 31N 11W

INSTALLATION DATE:

1/31/2013

PPCO. RECTIFIER NO.: 10606W

ADDITIONAL WELLS:

TYPE OF LEASE:

LEASE NUMBER:

FEE

GROUND BED INFORMATION

TOTAL DEPTH: 300'

CASING DIAMETER: 8"

TYPE OF CASING: PVC

CASING DEPTH: 80'

CASING CEMENTED ■

TOP ANODE DEPTH: 162'

BOTTOM ANODE DEPTH: 270'

ANODE DEPTHS: 162, 174, 186, 198, 210, 222, 234, 246, 258, 270

AMOUNT OF COKE: 50 BAGS

WATER INFORMATION

WATER DEPTH (1):

WATER DEPTH (2):

GAS DEPTH: —

CEMENT PLUGS: —

RCVD FEB 13 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

TOP OF VENT PERFORATIONS: 160'

VENT PIPE DEPTH: 300'

REMARKS:

COKE DEPTH 149'

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

ca

COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: ELLA ROSE/CALLOWAY LS 2A
 JOB NO.: 340140374
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 1/31/2013
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: 34

CASING: SCH40 PVC
 DIAMETER: 8"
 CASING DEPTH: 80'
 # 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	ROCKS & BOULDERS	12.90			250	SHALE		5.50		1	270	2.30	6.10				
5	ROCKS & BOULDERS				255	SHALE		3.20		2	258	3.10	7.70				
10	ROCKS & BOULDERS				260	SHALE		2.60	#2-258	3	246	3.90	9.30				
15	ROCKS & BOULDERS				265	SANDY SHALE		2.60		4	234	4.40	9.90				
20	ROCKS & BOULDERS				270	SANDY SHALE		2.30	#1-270	5	222	4.30	9.50				
25	ROCKS & BOULDERS				275	SANDY SHALE		2.60		6	210	4.20	9.90				
30	ROCKS & BOULDERS				280	SANDSTONE & CLAY		5.30		7	198	7.70	8.90				
35	ROCKS & BOULDERS				285	SANDSTONE & CLAY				8	186	5.50	9.30				
40	ROCKS & BOULDERS				290	SANDSTONE & CLAY				9	174	3.90	9.30				
45	ROCKS & BOULDERS				295	SANDSTONE & CLAY				10	162	2.80	7.50				
50	ROCKS & BOULDERS				300	SANDSTONE & CLAY				11							
55	ROCKS & BOULDERS				305					12							
60	WHITE SANDSTONE				310				TD:287'	13							
65	WHITE SANDSTONE				315				VENT PIPE DEPTH: 300'	14							
70	WHITE SANDSTONE				320					15							
75	WHITE SANDSTONE				325					16							
80	WHITE SANDSTONE		5.10		330					17							
85	WHITE SANDSTONE		2.50		335					18							
90	WHITE SANDSTONE		2.10		340					19							
95	WHITE SANDSTONE		3.10		345					20							
100	WHITE SANDSTONE		4.10		350					21							
105	WHITE SANDSTONE		4.70		355					22							
110	SANDY CLAY		4.10		360					23							
115	SANDY CLAY		3.00		365					24							
120	CLAY		2.50		370					25							
125	WHITE SAND		2.30		375					GROUND BED RESISTANCE							
130	WHITE SAND		2.50		380												
135	WHITE SAND		2.50		385					TOTAL VOLTS:		12.90					
140	WHITE SAND		2.60		390					TOTAL AMPS:		27.80					
145	WHITE SAND		2.50		395					0.46 OHMS							
150	WHITE SAND		3.00		400												
155	WHITE SAND		3.20		405					SITE ELEVATION: 5686 WATER CONDUCTIVITY: COKE LEVEL: 149' EXTRA CASING USED: 60' ADDITIONAL COMMENTS: BOULDER DRILL- 0'-80' DRILL WITH MUD 0'-300'							
160	WHITE SAND		2.90	#10-162	410												
165	WHITE SAND		2.70		415												
170	SANDY CLAY		3.00		420												
175	SANDY CLAY		3.70	#9-174	425												
180	SANDY CLAY		3.90		430												
185	SANDY CLAY		3.20	#8-186	435												
190	SANDY CLAY		3.30		440												
195	SANDY CLAY		3.10		445												
200	SANDY CLAY		2.50	#7-198	450												
205	SANDY CLAY		3.10		455												
210	SANDY CLAY		4.00	#6-210	460												
215	SANDY CLAY		5.20		465												
220	SANDY CLAY		4.20	#5-222	470												
225	SANDY CLAY		2.80		475												
230	SHALE		4.10		480												
235	SHALE		4.20	#4-234	485												
240	SHALE		4.10		490												
245	SHALE		5.90	#3-246	495												
														PP 7.5.1.24 Effective 11/13/12			