

**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: **3003931060**

WELL NAME OR PIPELINE SERVED: **CANYON LARGO 485/E** LEGAL LOCATION: **8 25N 06W** INSTALLATION DATE: **11/16/2012**

PPCO. RECTIFIER NO.: **10594W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **SF-078883**

GROUND BED INFORMATION

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

T ANODE DEPTH: **170'** BOTTOM ANODE DEPTH: **275'**

ANODE DEPTHS: **170, 180, 190, 200, 225, 240, 252, 259, 267, 275**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): **Injection @270-300** WATER DEPTH (2):

GAS DEPTH: **---** CEMENT PLUGS: **---**

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

OTHER INFORMATION

T OF VENT PERFORATIONS: **160'** VENT PIPE DEPTH: **300'**

REMARKS:

COKE DEPTH: 152'

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: CANYON LARGO 485/E
 JOB NO.: 340140358
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 11/16/2012
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: 0

CASING: SCH40 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	SANDSTONE	14.29			250	SANDSTONE		1.90	#4-252	1	275	4.70	8.20
5	SANDSTONE				255	SANDSTONE		2.00		2	267	4.20	8.00
10	SANDSTONE				260	SANDSTONE		2.30	#3-259	3	259	2.30	6.20
15	SANDSTONE				265	SANDY SHALE		3.50		4	252	1.80	4.30
20	SANDSTONE				270	SANDY SHALE		4.50	#2-267	5	240	0.30	2.40
25	SANDSTONE				275	SHALE		4.80	#1-275	6	225	0.40	2.10
30	SANDSTONE				280	SHALE		4.20		7	200	1.70	4.20
35	SANDSTONE				285	SHALE		3.70		8	190	1.60	4.70
40	SANDSTONE				290	SHALE				9	180	1.60	5.40
45	SANDSTONE				295	SHALE				10	170	1.90	5.40
50	SANDSTONE				300	SHALE				11			
55	SANDSTONE				305				TD: 292'	12			
60	SANDSTONE				310				Vent Pipe Depth: 303'	13			
65	SANDSTONE				315					14			
70	SANDSTONE				320					15			
75	SANDSTONE				325					16			
80	SHALE		2.40		330					17			
85	SHALE		2.10		335					18			
90	SHALE		2.00		340					19			
95	SHALE		1.80		345					20			
100	SHALE		0.60		350					21			
105	SANDSTONE		0.40		355					22			
110	SANDSTONE		0.40		360					23			
115	SANDSTONE		0.40		365					24			
120	SANDSTONE		0.30		370					25			
125	SANDSTONE		0.50		375					GROUND BED RESISTANCE			
130	SANDSTONE		0.60		380								
135	SANDSTONE		0.50		385					TOTAL VOLTS: 14.29			
140	SANDSTONE		0.30		390					TOTAL AMPS: 16.90			
145	SANDSTONE		0.50		395					0.85 OHMS			
150	SANDSTONE		0.70		400					SITE ELEVATION: 6660'			
155	SANDSTONE		0.90		405					WATER CONDUCTIVITY:			
160	SANDSTONE		2.20		410					COKE LEVEL: 152'			
165	SANDY SHALE		2.50		415					EXTRA CASING USED:			
170	SANDY SHALE		1.80	#10-170	420					ADDITIONAL COMMENTS: WATER INJECTION @ 270' - 300'			
175	SHALE		1.40		425								
180	SHALE		1.80	#9-180	430								
185	SANDSTONE		2.60		435								
190	SANDSTONE		1.60	#8-190	440								
195	SHALE		1.90		445								
200	SHALE		1.10	#7-200	450								
205	SHALE		0.50		455								
210	SHALE		0.30		460								
215	SANDSTONE		0.30		465								
220	SANDSTONE		0.40		470								
225	SANDSTONE		0.50	#6-225	475								
230	SANDSTONE		0.40		480								
235	SANDSTONE		0.30		485								
240	SANDSTONE		0.30	#5-240	490								
245	SANDSTONE		0.60		495								
										PP 7.5.1.24 Effective 11/13/12			