

**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: **3004535229**

WELL NAME OR PIPELINE SERVED: **HODGES 12/E** LEGAL LOCATION: **34 26N 08W** INSTALLATION DATE: **12/12/2012**

PPCO. RECTIFIER NO.: **10582W** ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: **SF-078962**

GROUND BED INFORMATION

TOTAL DEPTH: **300'** CASING DIAMETER: **8"** TYPE OF CASING: **PVC** CASING DEPTH: **80'** CASING CEMENTED **■**

ANODE DEPTH: **167'** BOTTOM ANODE DEPTH: **275'**

ANODE DEPTHS: **167, 179, 191, 203, 215, 215, 227, 239, 251, 263, 275,**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

WATER DEPTH (1): **70' -80'** WATER DEPTH (2): **180' -300'**

GAS DEPTH: **—** CEMENT PLUGS: **—**

RCVD JAN 9 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

TOP OF VENT PERFORATIONS: **160'** VENT PIPE DEPTH: **300'**

REMARKS: **COKE DEPTH:151'**

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, Nove

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Ca

COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: HODGES 12 E
 JOB NO.: 340140337
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

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

CASING: SCH40 PVC
 DIAMETER: 8"
 CASING DEPTH: 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	SAND	14.10		CASING	250	SHALE		3.90	#3-251	1	275	6.30	11.40
5	SAND			CASING	255	SHALE		4.50		2	263	5.10	12.80
10	SAND			CASING	260	SHALE		5.00		3	251	3.70	10.40
15	SAND			CASING	265	SHALE		5.70	#2-263	4	239	3.90	10.30
20	SAND			CASING	270	SHALE		6.30		5	227	3.20	8.90
25	SAND			CASING	275	SHALE		6.30	#1-275	6	215	1.70	7.30
30	SAND			CASING	280	SHALE		6.10		7	203	2.70	9.10
35	SAND			CASING	285	SHALE		5.40		8	191	2.70	9.70
40	SAND			CASING	290	SHALE				9	179	3.40	10.80
45	SAND			CASING	295	SHALE				10	167	3.70	10.40
50	SAND			CASING	300	SHALE				11			
55	SAND			CASING	305					12			
60	SAND			CASING	310				TD: 292'	13			
65	SAND			CASING	315				VENT PIPE DEPTH: 303'	14			
70	SAND			CASING	320					15			
75	SAND			CASING	325					16			
80	SAND			CASING	330					17			
85	SHALE				335					18			
90	SHALE				340					19			
95	SHALE				345					20			
100	SHALE		3.00		350					21			
105	SHALE		3.50		355					22			
110	SHALE		3.80		360					23			
115	SHALE		3.80		365					24			
120	SHALE		3.30		370					25			
125	SHALE		2.80		375					GROUND BED RESISTANCE TOTAL AMPS: 14.10 39.50 0.36 OHMS			
130	SHALE		2.70		380								
135	SHALE		2.90		385								
140	SHALE		2.70		390								
145	SHALE		2.80		395								
150	SHALE		2.70		400								
155	SHALE		3.00		405								
160	SHALE		3.00		410								
165	SHALE		3.50	#10-167	415								
170	SHALE		3.30		420								
175	SHALE		3.40		425					SITE ELEVATION: 6686 WATER CONDUCTIVITY: COKE LEVEL: 151' EXTRA CASING USED: 60' ADDITIONAL COMMENTS: INJECT WATER 70' - 80' AIR DRILL 80' - 180', INJECT WATER 180' - 300'			
180	SHALE		3.20	#9-179	430								
185	SHALE		2.90		435								
190	SHALE		2.80	#8-191	440								
195	SHALE		2.60		445								
200	SHALE		2.60		450								
205	SHALE		2.50	#7-203	455								
210	SHALE		2.70		460								
215	SANDY SHALE		1.80	#6-215	465								
220	SANDY SHALE		2.60		470								
225	SANDSTONE		3.20	#5-227	475					PP 7.5.1.24 Effective 11/13/12			
230	SANDSTONE		3.40		480								
235	SANDSTONE		3.70		485								
240	SANDSTONE		3.90	#4-239	490								
245	SHALE		3.60		495								