

**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: 3004535261

WELL NAME OR PIPELINE SERVED: HODGES 14E LEGAL LOCATION: 21 26N 08W INSTALLATION DATE: 10/8/2012

PPCO. RECTIFIER NO.: 10587W ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: SF-078384

GROUND BED INFORMATION

TOTAL DEPTH: 300' CASING DIAMETER: 8" TYPE OF CASING: PVC CASING DEPTH: 70' CASING CEMENTED ■

TOP ANODE DEPTH: 152' BOTTOM ANODE DEPTH: 260'

ANODE DEPTHS: 152, 164, 176, 188, 200, 212, 224, 236, 248, 260

AMOUNT OF COKE: 50 BAGS

WATER INFORMATION

WATER DEPTH (1): WATER DEPTH (2):

GAS DEPTH: — CEMENT PLUGS: —

RCVD OCT 25 '12
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

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

REMARKS:

COKE DEPTH 136'

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

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COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: HODGES 14 E
 JOB NO.: 340140341
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 10/8/2012
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: N/A

CASING: SCH 40 PVC
 DIAMETER: 8"
 CASING DEPTH: 70
 # 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	13.1		CASING	250	SHALE		3.70	#2-248	1	260	5.10	8.80
5	SANDSTONE			CASING	255	SHALE		5.30		2	248	3.00	8.40
10	SANDSTONE			CASING	260	SHALE		5.30	#1-260	3	236	4.60	10.90
15	SHALE			CASING	265	SHALE		5.40		4	224	4.60	12.00
20	SHALE			CASING	270	SHALE		5.90		5	212	4.30	11.50
25	SANDSTONE			CASING	275	SANDY SHALE				6	200	4.90	11.30
30	SANDSTONE			CASING	280	SANDY SHALE				7	188	4.80	10.60
35	SHALE			CASING	285	SANDY SHALE				8	176	1.60	5.80
40	SHALE			CASING	290	SANDY SHALE				9	164	1.20	5.00
45	SHALE			CASING	295	SHALE				10	152	3.50	8.40
50	SHALE			CASING	300	SHALE			TD	11			
55	SHALE			CASING	305				VENT PIPE DEPTH	12			
60	SHALE			CASING	310					13			
65	SHALE			CASING	315					14			
70	SHALE			CASING	320					15			
75	SANDSTONE				325					16			
80	SANDSTONE		3.30		330					17			
85	SANDSTONE		3.60		335					18			
90	SANDSTONE		3.50		340					19			
95	SHALE		4.00		345					20			
100	SHALE		3.80		350					21			
105	SHALE		4.60		355					22			
110	SHALE		4.40		360					23			
115	SHALE		4.40		365					24			
120	SHALE		4.80		370					25			
125	SHALE		4.80		375					GROUNDBED RESISTANCE TOTAL VOLTS: 13.10 TOTAL AMPS: 37.10 0.35 OHMS			
130	SHALE		4.00		380								
135	SHALE		3.90		385					SITE ELEVATION: 6477' WATER CONDUCTIVITY: ADDITIONAL COMMENTS:			
140	SHALE		3.70		390								
145	SHALE		3.90		395					COKE LEVEL: 136' EXTRA CASING USED: 50			
150	SHALE		3.70	#10-152	400								
155	SANDY SHALE		2.70		405								
160	SANDY SHALE		1.60		410								
165	SANDY SHALE		0.90	#9-164	415								
170	SANDY SHALE		1.20		420								
175	SANDSTONE		1.60	#8-176	425								
180	SANDSTONE		2.10		430								
185	SANDSTONE		4.40		435								
190	SANDSTONE		4.90	#7-188	440								
195	SHALE		4.90		445								
200	SHALE		4.40	#6-200	450								
205	SHALE		4.00		455								
210	SHALE		4.60	#5-212	460								
215	SANDY SHALE		4.80		465								
220	SANDY SHALE		4.40		470								
225	SHALE		4.90	#4-224	475								
230	SHALE		4.70		480								
235	SHALE		4.50	#3-236	485								
240	SHALE		4.40		490								
245	SHALE		3.90		495								