

**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: 3004534843

WELL NAME OR PIPELINE SERVED: FOGELSON 9 /100 LEGAL LOCATION: 09-29N-11W INSTALLATION DATE: 6/30/2011

PPCO. RECTIFIER NO.: 10438W ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: NM-03486-A

GROUND BED INFORMATION

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

TOP ANODE DEPTH: 172' BOTTOM ANODE DEPTH: 280'

ANODE DEPTHS: 172', 184', 196', 208', 220', 232', 244', 256', 268', 280'

AMOUNT OF COKE: 50 BAGS

WATER INFORMATION

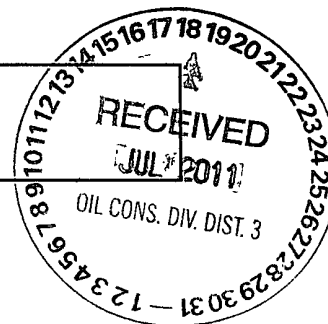
WATER DEPTH (1): WATER DEPTH (2):

GAS DEPTH: CEMENT PLUGS:

OTHER INFORMATION

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

REMARKS:



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.

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COMPANY: Conoco Phillips
 COMPANY REP.: Randy Smith
 LOCATION: FOGELSON 9 /100
 JOB NO.: 140809
 FOREMAN: Ron Luna
 DRILLER: Darrel Ferrier

DATE: 6/30/2011
 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



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	12.60			250	SANDSTONE		5.00		1	280	4.50	7.20
5	CASING				255	SANDSTONE		4.30	256'-Anode #3	2	268	4.50	6.60
10	CASING				260	SANDSTONE		3.70		3	256	4.20	7.10
15	CASING				265	SHALE		3.20		4	244	5.10	8.40
20	CASING				270	SHALE		4.10	268'-Anode #2	5	232	5.10	9.30
25	SANDSTONE				275	SHALE		4.40		6	220	7.20	11.30
30	SANDSTONE				280	SHALE		4.40	280'-Anode #1	7	208	6.80	10.80
35	SANDSTONE				285	SHALE		6.70		8	196	7.40	11.50
40	SANDSTONE				290	SHALE		7.40		9	184	7.10	11.80
45	SANDSTONE				295	SHALE				10	172	6.70	11.80
50	SANDSTONE				300	SHALE				11			
55	SANDSTONE				305					12			
60	SHALE				310					13			
65	SANDSTONE				315					14			
70	SANDSTONE				320					15			
75	SANDSTONE				325					16			
80	SANDSTONE		3.70		330					17			
85	SANDSTONE		4.20		335					18			
90	SANDSTONE		4.40		340					19			
95	SANDSTONE		4.10		345					20			
100	SANDSTONE		4.50		350					21			
105	SANDSTONE		4.60		355					22			
110	SANDSTONE		3.60		360					23			
115	SANDSTONE		3.50		365					24			
120	SANDSTONE		4.50		370					25			
125	SANDSTONE		4.30		375								
130	SANDSTONE		4.80		380								
135	SANDSTONE		5.30		385								
140	SANDSTONE		5.30		390								
145	SANDSTONE		4.80		395								
150	SANDSTONE		4.30		400								
155	SANDSTONE		4.40		405								
160	SANDSTONE		5.10		410								
165	SANDSTONE		4.80		415								
170	SANDSTONE		5.60	172'-Anode #10	420								
175	SHALE		6.50		425								
180	SHALE		6.70		430								
185	SHALE		7.00	184'-Anode #9	435								
190	SHALE		6.60		440								
195	SHALE		7.10	196'-Anode #8	445								
200	SHALE		7.10		450								
205	SANDSTONE		6.70		455								
210	SANDSTONE		6.50	208'-Anode #7	460								
215	SANDSTONE		6.80		465								
220	SANDSTONE		7.00	220'-Anode #6	470								
225	SANDSTONE		6.70		475								
230	SANDSTONE		5.60	232'-Anode #5	480								
235	SANDSTONE		4.70		485								
240	SANDSTONE		4.80		490								
245	SANDSTONE		4.90	244'-Anode #4	495								
										TOTAL VOLTS: 12.60 TOTAL AMPS: 35.10 0.36 OHMS			
										SITE ELEVATION: 5767' WATER CONDUCTIVITY: ADDITIONAL COMMENTS:			
										COKE LEVEL: 146 FT			
										EXTRA CASING USED: N/A			