

**OCD CATHODIC PROTECTION DEEPWELL GROUND BED REPORT
DATA SHEET: NORTHWESTERN NEW MEXICO**

SUBMIT 2 COPIES TO O.C.D. AZTEC OFFICE

OPERATOR: BR
FARMINGTON, NM 87401
PHONE: 599-3400

LOCATION INFORMATION

API NUMBER: **3003922511**

WELL NAME OR PIPELINE SERVED: **JICARILLA 150 4E** LEGAL LOCATION: **11 026N 005W** INSTALLATION DATE: **11/20/2013**

PPCO. RECTIFIER NO.: **6521W** ADDITIONAL WELLS: **150 #4A**

TYPE OF LEASE: LEASE NUMBER: **CONTRACT 15**

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): **N/A** WATER DEPTH (2): **—**

GAS DEPTH: **—** CEMENT PLUGS: **—**

RCVD DEC 31 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

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

REMARKS:
150' - COKE DEPTH

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

ca

COMPANY: ConocoPhillips
 COMPANY REP.: JOHN TAFOYA
 LOCATION: JICARILLA 150 4E
 JOB NO.: 340140523
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 11/20/2013
 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	BROWN DIRT			CASING	250	RED SHALE		1.70		1	280	1.00	3.20
5	BROWN DIRT			CASING	255	RED SHALE		1.50	#3 - 256	2	268	1.30	4.70
10	RED DIRT			CASING	260	RED SHALE		1.30		3	256	1.40	5.70
15	RED DIRT			CASING	265	RED SHALE		1.20		4	244	2.00	1.20
20	DARK YELLOW SAND			CASING	270	RED SHALE		1.30	#2 - 268	5	232	3.30	1.20
25	DARK YELLOW SAND				275	RED SHALE		1.00		6	220	0.60	9.60
30	YELLOW SAND				280	RED SHALE		1.00	#1 - 280'	7	208	0.40	4.20
35	YELLOW SAND				285	RED SHALE		1.00		8	196	0.30	4.30
40	RED SHALE				290	RED SHALE		0.90		9	184	0.70	1.00
45	RED SHALE				295	RED SHALE				10	172	0.60	5.00
50	RED SHALE				300					11			
55	RED SHALE				305					12			
60	BROWN SHALE				310					13			
65	BROWN SHALE				315					14			
70	YELLOW SAND				320					15			
75	YELLOW SAND				325				TD: 297'	16			
80	GREY SHALE	2.90			330				Vent Pipe Depth: 300'	17			
85	GREY SHALE	2.70			335					18			
90	GREY SHALE	2.40			340					19			
95	GREY SHALE	2.20			345					20			
100	RED SHALE	2.40			350					21			
105	RED SHALE	2.20			355					22			
110	RED/BROWN SHALE	2.20			360					23			
115	RED/BROWN SHALE	2.60			365					24			
120	RED/BROWN SHALE	1.40			370					25			
125	RED/BROWN SHALE	0.40			375								
130	BROWN SAND	0.10			380								
135	BROWN SAND	0.20			385								
140	BROWN SAND	0.30			390								
145	BROWN SAND	0.20			395								
150	BROWN SAND	0.30			400								
155	BROWN SAND	0.40			405								
160	GREY SAND	0.50			410								
165	GREY SAND	1.10			415								
170	RED SHALE	1.60		#10 - 172'	420								
175	RED SHALE	1.20			425								
180	RED SAND	1.40			430								
185	RED SAND	2.00		#9 - 184'	435								
190	GREY SHALE	1.70			440								
195	GREY SHALE	0.80		#8 - 196'	445								
200	GREY SAND	0.40			450								
205	GREY SAND	0.30			455								
210	GREY SAND	0.30		#7 - 208'	460								
215	GREY SAND	0.40			465								
220	GREY SAND	1.60		#6 - 220'	470								
225	GREY SAND	3.20			475								
230	GREY SAND	3.10		#5 - 232'	480								
235	GREY SAND	2.70			485								
240	RED SHALE	2.30			490								
245	RED SHALE	1.90		#4 - 244'	495								

GROUNDBED RESISTANCE

TOTAL VOLTS: 14.10
 TOTAL AMPS: 18.00
 0.78 OHMS

SITE ELEVATION: 7256'
 WATER LEVEL #1: N/A
 WATER LEVEL #2: N/A
 COKE LEVEL: 150'
 EXTRA CASING USED: N/A

ADDITIONAL COMMENTS:

0-20' - CASING
 20-260' - DRILL DRY
 260-300' - INJECT WATER