

**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: 3004535256

WELL NAME OR PIPELINE SERVED: NYE FEDERAL 2N

LEGAL LOCATION: 8, 29N, 10W

INSTALLATION DATE: 9/27/2012

PPCO. RECTIFIER NO.: 2151W

ADDITIONAL WELLS: NYE FEDERAL #290

TYPE OF LEASE:

LEASE NUMBER: SF-078197

GROUND BED INFORMATION

TOTAL DEPTH: 300' CASING DIAMETER: 8" TYPE OF CASING: PVC CASING DEPTH: 40' CASING CEMENTED

TOP ANODE DEPTH: 167'

BOTTOM ANODE DEPTH: 275'

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

AMOUNT OF COKE: 50 BAGS

WATER INFORMATION

WATER DEPTH (1): 0' TO 40'

WATER DEPTH (2): 170' TO 300'

GAS DEPTH: —

CEMENT PLUGS: —

RCVD OCT 17 '12
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

TOP 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

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COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: NYE FEDERAL /2N
 JOB NO.: 340140321
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 9/27/2012
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: DW
 # OF COKE: 50 BAGS
 # OF BENTONITE: N/A

CASING: SCH 40 PVC
 DIAMETER: 8"
 CASING DEPTH: 40'
 # 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	SURFACE BOULDERS	0.33		CASING	250	SANDY SHALE	#3-251'	6.50		1	275	6.50	10.50
5	SURFACE BOULDERS			CASING	255	SANDY SHALE		6.40		2	263	6.50	11.00
10	SAND			CASING	260	SANDY SHALE		6.40		3	251	6.60	10.70
15	SAND			CASING	265	SHALE	#2-263'	6.80		4	239	6.80	11.10
20	SAND			CASING	270	SHALE		6.70		5	227	4.60	9.10
25	BROWN SANDSTONE			CASING	275	SHALE	#1-275'	6.50		6	215	4.80	8.70
30	BROWN SANDSTONE			CASING	280	SHALE		6.80		7	203	5.70	9.70
35	BROWN SANDSTONE			CASING	285	SANDY SHALE		6.70		8	191	7.50	12.00
40	BROWN SANDSTONE			CASING	290	SANDY SHALE				9	179	6.30	11.00
45	GRAY SANDY SHALE				295	SANDY SHALE				10	167	6.10	9.90
50	GRAY SANDY SHALE				300	SANDY SHALE	TD		292'	11			
55	GRAY SANDSTONE				305		VENT PIPE DEPTH		302'	12			
60	GRAY SANDSTONE				310					13			
65	GRAY SANDSTONE				315					14			
70	GRAY SANDSTONE				320					15			
75	GRAY SANDSTONE				325					16			
80	GRAY SANDSTONE				330					17			
85	GRAY SANDSTONE				335					18			
90	GRAY SANDSTONE				340					19			
95	GRAY SANDSTONE				345					20			
100	GRAY SANDSTONE				350					21			
105	GRAY SANDSTONE				355					22			
110	GRAY SANDSTONE				360					23			
115	GRAY SANDSTONE				365					24			
120	GRAY SANDSTONE				370					25			
125	SHALE				375					GROUNDBED RESISTANCE TOTAL VOLTS: 13.50 TOTAL AMPS: 41.10 0.33 OHMS			
130	SHALE				380								
135	SHALE				385								
140	SHALE				390								
145	SHALE				395								
150	SHALE				400					SITE ELEVATION: 5793' WATER CONDUCTIVITY: ADDITIONAL COMMENTS: DRILL W/WATER 0' TO 40' FOR CASING DRILL 40' TO 170' DRILL ON WATER 170' TO 300'			
155	SHALE				405								
160	SHALE WET				410					COKE LEVEL: 152' EXTRA CASING USED 20'			
165	SHALE	#10-167'			415								
170	SHALE				420								
175	SANDY SHALE				425								
180	SANDY SHALE	#9-179'			430								
185	HARD SHALE				435								
190	HARD SHALE	#8-191'			440								
195	HARD SHALE				445								
200	HARD SHALE				450								
205	HARD SHALE	#7-203'			455								
210	HARD SHALE				460								
215	SANDY SHALE	#6-215'			465								
220	SANDY SHALE				470								
225	SANDY SHALE	#5-227'			475								
230	SANDY SHALE				480								
235	SANDY SHALE				485								
240	SANDY SHALE	#4-239'			490								
245	SANDY SHALE				495								