

**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: **3004535266**

WELL NAME OR PIPELINE SERVED: **MOORE LS 5B** LEGAL LOCATION: **24 32N 12W** INSTALLATION DATE: **1/10/2013**

PPCO. RECTIFIER NO.: **FM-320A** ADDITIONAL WELLS: **CONNECT 5A & 5B**

TYPE OF LEASE: LEASE NUMBER: **SF-078147**

GROU BED INFORMATION

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

TOP ANODE DEPTH: **177'** BOTTOM ANODE DEPTH: **285'**

ANODE DEPTHS: **177, 189, 201, 213, 225, 237, 249, 261, 273, 285**

AMOUNT OF COKE: **50 BAGS**

WATER INFORMATION

RCVD JAN 23 '13
OIL CONS. DIV.
DIST. 3

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

GAS DEPTH: **—** CEMENT PLUGS: **—**

OTHER INFORMATION

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

REMARKS: **COKE DEPTH 160'**

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 14

ca

COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: MOORE LS 5B
 JOB NO.: 340140376
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 1/10/2013
 DIA. HOLE: 7 7/8
 DEPTH: 300'
 COKE TYPE: SW
 # OF COKE: 50 BAGS
 # OF BENTONITE: 0

CASING: SCH40 PVC
 DIAMETER: 7 7/8
 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	SAND	14.00		CASING	250	WATER/SAND	1.50		#4-249	1	285	1.20	5.10
5	SAND			CASING	255	WATER/SAND	2.20			2	273	2.60	6.20
10	SAND			CASING	260	WATER/SAND	2.60		#3-261	3	261	1.60	6.00
15	SAND			CASING	265	WATER/SAND	1.40			4	249	1.20	5.00
20	SAND			CASING	270	WATER/SAND	1.20			5	237	1.50	5.70
25	GREEN SHALE				275	SHALE	1.30		#2-273	6	225	2.50	7.70
30	GREEN SHALE				280	SHALE				7	213	3.50	9.10
35	GREEN SHALE				285	SHALE			#1-285	8	201	1.50	6.20
40	GREEN SHALE				290	SHALE				9	189	1.00	4.70
45	GREEN SHALE				295	SHALE				10	177	1.20	4.20
50	GREEN SHALE				300	SHALE				11			
55	GREEN SHALE				305					12			
60	GREEN SHALE				310				TD: 292'w	13			
65	GREEN SHALE				315				VENT PIPE DEPTH: 300'	14			
70	GREEN SHALE				320					15			
75	GREEN SHALE				325					16			
80	GREEN SHALE		2.80		330					17			
85	GREEN SHALE		3.10		335					18			
90	GREEN SHALE		3.10		340					19			
95	GREEN SHALE		3.50		345					20			
100	GREEN SHALE		3.50		350					21			
105	GREEN SHALE		3.30		355					22			
110	GREEN SHALE		3.00		360					23			
115	GREEN SHALE		2.50		365					24			
120	GREEN SHALE		2.10		370					25			
125	SAND & SHALE		2.30		375								
130	SAND & SHALE		1.40		380								
135	SAND & SHALE		1.20		385								
140	SAND & SHALE		1.40		390								
145	SAND & SHALE		1.40		395								
150	SAND & SHALE		1.00		400								
155	SAND & SHALE		0.80		405								
160	SAND & SHALE		1.00		410								
165	SAND & SHALE		1.10		415								
170	SAND & SHALE		1.20		420								
175	SAND & SHALE		1.00	#10-177	425								
180	SAND & SHALE		0.90		430								
185	SAND & SHALE		1.00		435								
190	SAND & SHALE		1.20	#9-189	440								
195	SAND & SHALE		1.50		445								
200	SAND & SHALE		2.70	#8-201	450								
205	SAND & SHALE		3.00		455								
210	SAND & SHALE		2.40		460								
215	SAND & SHALE		2.20	#7-213	465								
220	SAND & SHALE		2.00		470								
225	SHALE		1.30	#6-225	475								
230	SHALE		1.50		480								
235	SHALE		1.30	#5-237	485								
240	SHALE		1.20		490								
245	SHALE		1.50		495								

GROUND BED RESISTANCE

TOTAL VOLTS: 14.00

TOTAL AMPS: 19.20

0.73 OHMS

SITE ELEVATION: 6471'

WATER CONDUCTIVITY:

COKE LEVEL: 160'

EXTRA CASING USED:

ADDITIONAL COMMENTS:

PP 7.5.1.24 Effective 11/13/12