

**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: 3003930770

WELL NAME OR PIPELINE SERVED: KLEIN 19P

LEGAL LOCATION: 34 26N 06W

INSTALLATION DATE: 10/1/2012

PPCO RECTIFIER NO.: 10577W

ADDITIONAL WELLS:

TYPE OF LEASE:

LEASE NUMBER: SF-079265

0

GROUND BED INFORMATION

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

TOP ANODE DEPTH: 167'

BOTTOM ANODE DEPTH: 275'

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

AMOUNT OF COKE: 50 BAGS

WATER INFORMATION

WATER DEPTH (1): 250' TO 300'

WATER DEPTH (2): 150'-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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Ca

COMPANY: CONOCO
 COMPANY REP.: JOHN TAFOYA
 LOCATION: KLEIN 19P
 JOB NO.: 340140330
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 10/1/2012
 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

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 SANDSTONE	14.10		CASING	250	SHALE	#3-251'	3.30		1	275'	1.80	4.00
5	BROWN SANDSTONE			CASING	255	SANDY SHALE		4.70		2	263'	1.60	5.00
10	BROWN SANDSTONE			CASING	260	GRAY SANDSTONE		2.30		3	251'	5.40	5.20
15	BROWN SANDSTONE			CASING	265	GRAY SANDSTONE	#2-263'	1.00		4	239'	4.90	7.80
20	BROWN SANDSTONE			CASING	270	GRAY SANDSTONE		1.70		5	227'	4.90	8.20
25	BROWN SANDSTONE				275	GRAY SANDSTONE	#1-275'	1.90		6	215'	4.80	7.50
30	BROWN SANDSTONE				280	GRAY SANDSTONE		2.90		7	203'	4.40	6.10
35	BROWN SANDSTONE				285	GRAY SANDSTONE				8	191'	2.90	3.70
40	BROWN SANDSTONE				290	GRAY SANDSTONE				9	179'	1.40	2.20
45	BROWN SANDSTONE				295	GRAY SANDSTONE				10	167'	0.90	
50	BROWN SANDSTONE				300	GRAY SANDSTONE	TD		297'	11			
55	GRAY SANDSTONE				305		VENT PIPE DEPTH		303'	12			
60	GRAY SANDSTONE				310					13			
65	BROWN SANDSTONE				315					14			
70	BROWN SANDSTONE				320					15			
75	BROWN SANDSTONE				325					16			
80	BROWN SANDSTONE		0.50		330					17			
85	BROWN SANDSTONE		0.20		335					18			
90	BROWN SANDSTONE		0.20		340					19			
95	BROWN SANDSTONE		0.30		345					20			
100	BROWN SANDSTONE		0.40		350					21			
105	BROWN SANDSTONE		0.80		355					22			
110	BROWN SANDSTONE		1.10		360					23			
115	BROWN SANDSTONE		1.70		365					24			
120	BROWN SANDSTONE		3.00		370					25			
125	BROWN SANDSTONE		3.40		375					GROUNDBED RESISTANCE			
130	BROWN SANDSTONE		3.40		380								
135	SHALE		3.60		385					TOTAL VOLTS: 14.10			
140	SHALE		3.40		390								
145	SHALE		3.20		395					TOTAL AMPS: 20.50			
150	SHALE		1.70		400								
155	SHALE		1.40		405					0.68 OHMS			
160	SHALE		1.20		410								
165	BROWN SANDSTONE		0.90		415					SITE ELEVATION: 6683			
170	BROWN SANDSTONE		0.80	#10-167'	420								
175	BROWN SANDSTONE		1.10		425					WATER CONDUCTIVITY:			
180	BROWN SANDSTONE		1.50	#9-176'	430								
185	BROWN SANDSTONE		2.10		435					ADDITIONAL COMMENTS: INJECT WATER @ 250' TO 300'			
190	BROWN SANDSTONE		2.80	#8-191'	440								
195	SHALE		3.60		445					COKE LEVEL 152'			
200	SHALE		4.50		450								
205	SHALE		4.50	#7-203'	455					EXTRA CASING USED 0			
210	SHALE		4.80		460								
215	SHALE		4.60	#6-215'	465								
220	SHALE		4.90		470								
225	SHALE		4.60	#5-227'	475								
230	SHALE		3.70		480								
235	SHALE		4.60		485								
240	SHALE		4.90	#4-239'	490								
245	SHALE WET		5.10		495								