

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: 3004535330

WELL NAME OR PIPELINE SERVED: STEWART LS 8N LEGAL LOCATION: 28 30N 10W INSTALLATION DATE: 12/13/2012

PPCO. RECTIFIER NO.: 10597W ADDITIONAL WELLS:

TYPE OF LEASE: LEASE NUMBER: NM-03566

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, 215, 227, 239, 251, 263, 275,

AMOUNT OF COKE: 50 BAGS

WATER INFORMATION

WATER DEPTH (1): 130' TO 300' WATER DEPTH (2):

GAS DEPTH: CEMENT PLUGS:

RCVD JAN 9 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

VENT PERFORATIONS: 160' VENT PIPE DEPTH: 300'

REMARKS:
COKE DEPTH: 150'

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.

COMPANY: CONOCO PHILLIPS
 COMPANY REP.: JOHN TAFOYA
 LOCATION: STEWART LS / 8N
 JOB NO.: 340140362
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 12/13/2012
 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: 40'
 # OF ANODES: 10
 ANODE TYPE: 2284Z
 ANODE LEAD: HWMPE #8



RECTIFIER MFG: _____
 MODEL: _____
 SERIAL #: _____
 V-DC: _____ A -DC: _____

WELL LOG

ANODE PLACEMENT

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	14.40		CASING	250	SANDSTONE		2.60	#3-251	1	275	1.30	4.60
5	SAND			CASING	255	SANDSTONE		2.70		2	263	1.80	5.20
10	SAND			CASING	260	SANDSTONE		2.10		3	251	2.40	6.80
15	SAND			CASING	265	SANDSTONE		1.70	#2-263	4	239	2.50	7.60
20	SAND			CASING	270	SANDSTONE		1.20		5	227	4.00	11.40
25	SAND			CASING	275	SANDSTONE		1.10	#1-275	6	215	5.10	12.60
30	SAND			CASING	280	SANDSTONE		1.50		7	203	4.00	11.90
35	SANDSTONE			CASING	285	SANDSTONE		1.80		8	191	3.10	10.50
40	SANDSTONE			CASING	290	SANDSTONE				9	179	3.40	10.50
45	SANDSTONE				295	SANDSTONE				10	167	1.60	7.80
50	SANDSTONE				300	SANDSTONE				11			
55	SHALE				305					12			
60	SHALE				310					13			
65	SANDSTONE				315				TD: 292'	14			
70	SANDSTONE				320				VENT PIPE DEPTH: 303'	15			
75	SANDSTONE				325					16			
80	SANDSTONE				330					17			
85	SHALE				335					18			
90	SHALE		2.20		340					19			
95	SHALE		0.50		345					20			
100	SHALE		0.70		350					21			
105	SANDSTONE		1.00		355					22			
110	SANDSTONE		0.80		360					23			
115	SANDSTONE		1.00		365					24			
120	SANDSTONE		1.40		370					25			
125	SANDSTONE		2.30		375								
130	SANDSTONE		2.50		380								
135	SANDY SHALE		2.40		385								
140	SANDY SHALE		1.60		390								
145	SANDY SHALE		0.90		395								
150	SANDY SHALE		1.00		400								
155	SANDSTONE		1.00		405								
160	SANDSTONE		0.50		410								
165	SANDSTONE		1.30	#10-167	415								
170	SANDSTONE		2.50		420								
175	SHALE		3.10		425								
180	SHALE		3.30	#9-179	430								
185	SHALE		3.20		435								
190	SHALE		3.00	#8-191	440								
195	SANDY SHALE		3.00		445								
200	SANDY SHALE		3.70		450								
205	SHALE		5.70	#7-203	455								
210	SHALE		5.60		460								
215	SHALE		2.40	#6-215	465								
220	SHALE		4.30		470								
225	SHALE		3.90	#5-227	475								
230	SHALE		3.40		480								
235	SHALE		2.80		485								
240	SHALE		2.60	#4-239	490								
245	SANDSTONE		2.50		495								

GROUND BED RESISTANCE

TOTAL VOLTS: 14.40
 TOTAL AMPS: 27.70
 0.52 OHMS

SITE ELEVATION: 6317'
 WATER CONDUCTIVITY:
 COKE LEVEL: 150'
 EXTRA CASING USED:
 ADDITIONAL COMMENTS: INJECT WATER 130'-300'