

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

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

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

LOCATION INFORMATION

API NUMBER: 3004523743

WELL NAME OR PIPELINE SERVED: STATE COM AF 28 E LEGAL LOCATION: 36 029N 010W INSTALLATION DATE: 9/26/2013

PPCO. RECTIFIER NO.: 10638W ADDITIONAL WELLS: STATE COM X #20

TYPE OF LEASE: LEASE NUMBER: NOT PROVIDED

GROUND BED INFORMATION

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

TOP ANODE DEPTH: 175 BOTTOM ANODE DEPTH: 270

ANODE DEPTHS: 175, 185, 195, 210, 220, 230, 240, 250, 260, 270

AMOUNT OF COKE: 50 BAGS

WATER INFORMATION

WATER DEPTH (1): N/A WATER DEPTH (2): —

GAS DEPTH: — CEMENT PLUGS: —

RCVD OCT 22 '13
OIL CONS. DIV.
DIST. 3

OTHER INFORMATION

TOP OF 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.

ca

Wednesday, Nov 6

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COMPANY: ConocoPhillips
 COMPANY REP.: JOHN TAFOYA
 LOCATION: STATE COM A F 28 E
 JOB NO.: 340140474
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 9/26/2013
 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	Sand Stone			Casing	250	Grey Shale		5.30	#3 - 250	1	270	5.30	8.60
5	Sand Stone			Casing	255	Grey Shale		5.30		2	260	5.40	8.70
10	Sand Stone			Casing	260	Grey Shale		5.80	#2 - 260	3	250	5.40	9.30
15	Sand Stone			Casing	265	Grey Shale		5.80		4	240	5.70	8.90
20	White Sand Stone			Casing	270	Grey Shale		5.30	#1 - 270	5	230	4.10	6.70
25	White Sand Stone				275	Grey Shale		5.10		6	220	3.60	7.80
30	White Sand Stone				280	Grey Shale		4.60		7	210	3.80	8.00
35	White Sand Stone				285	Grey Shale		4.30		8	195	2.20	4.90
40	White Sand Stone				290	Grey Shale				9	185	1.70	5.00
45	White Sand Stone				295	Grey Shale				10	175	2.30	5.60
50	White Sand Stone				300	Grey Shale				11			
55	White Sand Stone				305					12			
60	Green Sand Stone & Shale				310					13			
65	Green Sand Stone & Shale				315					14			
70	Green Sand Stone & Shale				320					15			
75	Green Sand Stone & Shale				325				TD: 300'	16			
80	Green Sand Stone & Shale		1.80		330				Vent Pipe Depth: 300'	17			
85	Green Sand Stone & Shale		1.80		335					18			
90	Green Sand Stone & Shale		2.00		340					19			
95	Green Sand Stone & Shale		2.70		345					20			
100	Green Sand Stone & Shale		3.30		350					21			
105	Green Sand Stone & Shale		3.20		355					22			
110	Green Sand Stone & Shale		3.30		360					23			
115	Green Sand Stone & Shale		3.70		365					24			
120	Red Shale		3.60		370					25			
125	Red Shale		3.20		375					GROUND BED RESISTANCE TOTAL VOLTS: 13.60 TOTAL AMPS: 27.80 0.49 OHMS			
130	Red Shale		3.70		380								
135	Red Shale		3.90		385								
140	Red Shale		4.00		390								
145	Red Shale		3.80		395								
150	Red Shale		3.90		400								
155	Red Shale		3.40		405								
160	Red Shale		2.00		410								
165	Green Shale and Sand Stone		1.70		415					SITE ELEVATION: N/A WATER LEVEL #1: N/A WATER LEVEL #2: N/A COKE LEVEL: 155' EXTRA CASING USED: N/A ADDITIONAL COMMENTS: 0-200' - DRY 200-300' - INJECT WATER/STICK SAND STONE			
170	Green Shale and Sand Stone		1.50		420								
175	Green Shale and Sand Stone		1.70	#10 - 175	425								
180	Green Shale and Sand Stone		1.80		430								
185	Green Shale and Sand Stone		1.60	#9 - 185	435								
190	Green Shale and Sand Stone		1.20		440								
195	Green Shale and Sand Stone		2.50	#8 - 195	445								
200	Green Shale and Sand Stone		2.30		450								
205	Grey Sand Stone		1.90		455								
210	Grey Sand Stone		2.50	#7 - 210	460								
215	Grey Sand Stone		4.30		465								
220	Grey Sand Stone		4.60	#6 - 220	470								
225	Grey Sand Stone		3.80		475								
230	Grey Sand Stone		4.50	#5 - 230	480								
235	Grey Sand Stone		5.20		485								
240	Grey Sand Stone		5.30	#4 - 240	490								
245	Grey Sand Stone		5.00		495								