

**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: **3004511748**

WELL NAME OR PIPELINE SERVED: **LACKEY B LS 20**

LEGAL LOCATION: **29 28N 009W**

INSTALLATION DATE: **10/3/2013**

PPCO. RECTIFIER NO.: **10635W**

ADDITIONAL WELLS: **LACKEY B LS #4**

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: **162'**

BOTTOM ANODE DEPTH: **270'**

ANODE DEPTHS: **162, 174, 186, 198, 270, 222, 234, 246, 258, 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 146'

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.

ea

Wednesday, Nove

Page 1 of 1

COMPANY: ConocoPhillips
 COMPANY REP.: JOHN TAFOYA
 LOCATION: LACKEY B LS #20
 JOB NO.: 340140466
 FOREMAN: RON LUNA
 DRILLER: DARREL FERRIER

DATE: 10/3/2013
 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	Br Sand			Casing	250	Grey Sand Stone		4.50		1	270	3.70	5.10
5	Br Sand			Casing	255	Grey Sand Stone		4.60		2	258	4.10	8.00
10	Br Sand			Casing	260	Grey Sand Stone		4.10	#2 - 258'	3	246	3.60	7.90
15	Br Sand			Casing	265	Grey Sand Stone		3.90		4	234	4.60	8.30
20	Br Sand			Casing	270	Grey Sand Stone		3.70	#1 - 270'	5	222	4.60	7.80
25	Green Sand Stone				275	Grey Sand Stone		3.90		6	210	4.50	8.80
30	Green Sand Stone				280	Grey Sand Stone				7	198	3.90	8.70
35	Green Sand Stone				285	Green Shale				8	186	6.20	9.30
40	Green Sand Stone				290	Green Shale				9	174	6.50	11.00
45	Green Sand Stone				295	Green Shale				10	162	5.80	10.40
50	Green Sand Stone				300	Green Shale				11			
55	Green Shale				305					12			
60	Green Shale				310					13			
65	Green Shale				315					14			
70	Green Shale				320					15			
75	Green Shale				325				TD: 287'	16			
80	Green Shale				330				Vent Pipe Depth: 300'	17			
85	Red Shale				335					18			
90	Red Shale				340					19			
95	Red Shale				345					20			
100	Red Shale		3.30		350					21			
105	Green Shale		3.20		355					22			
110	Green Shale		3.10		360					23			
115	Green Shale		3.00		365					24			
120	Green Shale		2.90		370					25			
125	Grey Sand Stone		2.70		375					GROUND BED RESISTANCE			
130	Grey Sand Stone		2.40		380								
135	Grey Sand Stone		1.70		385					TOTAL VOLTS:		13.60	
140	Grey Sand Stone		1.40		390					TOTAL AMPS:		29.30	
145	Grey Sand Stone		1.40		395					0.46 OHMS			
150	Grey Sand Stone		3.60		400								
155	Grey Sand Stone		4.40		405								
160	Grey Sand Stone		4.70	#10 - 162'	410					SITE ELEVATION: 5995' WATER LEVEL #1: N/A WATER LEVEL #2: N/A COKE LEVEL: 146' EXTRA CASING USED: N/A ADDITIONAL COMMENTS: 0-20' CASING - SAND 20-300' - DRY			
165	Red Shale		5.50		415								
170	Red Shale		6.10		420								
175	Red Shale		6.30	#9 - 174	425								
180	Red Shale		6.30		430								
185	Red Shale		6.10	#8 - 186'	435								
190	Red Shale		5.70		440								
195	Red Shale		4.40		445								
200	Red Shale		4.30	#7 - 198'	450								
205	Grey Sand Stone		4.70		455								
210	Grey Sand Stone		4.40	#6 - 210'	460								
215	Grey Sand Stone		5.10		465								
220	Grey Sand Stone		5.50	#5 - 222'	470								
225	Green Shale		4.80		475								
230	Green Shale		4.80		480								
235	Green Shale		4.30	#4 - 234'	485								
240	Green Shale		3.40		490								
245	Green Shale		3.50	#3 - 246'	495								

GROUND BED RESISTANCE

TOTAL VOLTS: 13.60

TOTAL AMPS: 29.30

0.46 OHMS

SITE ELEVATION: 5995'

WATER LEVEL #1: N/A

WATER LEVEL #2: N/A

COKE LEVEL: 146'

EXTRA CASING USED: N/A

ADDITIONAL COMMENTS:

0-20' CASING - SAND

20-300' - DRY