

5-30-039-07435

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

101-30-039-20054

Operator MERIDIAN OIL CO. Location: Unit H Sec. 14 Twp. 28 Rng. 5

Name of Well/Wells or Pipeline Serviced San Juan 28-6 # 5 & 101

Elevation Completion Date 9/7/90 Total Depth 460 Land Type

Casing Strings, Sizes, Types & Depths 20 ft. 8" PVC Casing

If Casing Strings are cemented, show amounts & types used

If Cement or Bentonite Plugs have been placed, show depths & amounts used

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. Wet at 90 ft. & 120 ft. - no sample

Depths gas encountered:

Ground bed depth with type & amount of coke breeze used:

2800 lbs. Ashbury Petroleum Coke

Depths anodes placed: 420, 410, 400, 390, 380, 370, 360, 350, 340, 330

Depths vent pipes placed: 435 ft. of 1" PVC Vent Pipe

Vent pipe perforations:

Remarks:

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned 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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐Completion Date 9-7-90

CPS #	Well Name, Line or Plant.	Work Order #	Static:	Ins. Union Check																																																																	
1150-W	S.J. 28-6-5			☐ Good ☐ Bad																																																																	
	S.J. 28-6-101																																																																				
Location: <u>H14-28-6</u>		Anode Size: <u>2" X 60"</u>	Anode Type: <u>ANOTEC</u>	Size Bit: <u>6 3/4</u>																																																																	
Depth Drilled <u>460'</u>	Depth Logged <u>435'</u>	Drilling Rig Time	Total Lbs. Coke Used <u>2800 #</u>	Lost Circulation Mat'l Used																																																																	
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Remarks: DRILLER SAID WET 90' TO 120', WAITED 30 MINUTES, DID NOT BLOW WATER
DID NOT GET WATER SAMPLE. STARTED INJECTING 200'. SET 20' OF 8"
PVC CASING RAN 435' OF 1" PVC VENT PIPE LEFT COKE
BREEZE APPROXIMATELY 300'. PERFORATED 370' OF VENT PIPE

Rectifier Size: _____ V _____ A
 Addn'l Depth _____
 Depth Credit: _____
 Extra Cable: 10'
 Ditch & 1 Cable: 163'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: 1

All Construction Completed

Wills Knight Jr
(Signature)

GROUND BED LAYOUT SKETCH

RECEIVED
 SEP 19 1990
 OIL CON. DIV.
 DIST. 3

Rect

163'

O.G.B. #2

O.G.B. #1

S.J. 28-6-101

N

CONSTRUCTION LOGGING READINGS

CPS #: 1150-W WELL NAME: S.J. 28-6 #5+101 LOCATION: H14-285 DATE: 9-7-90

TOTAL VOLTS: 12.3 TOTAL AMPS: 17.1 OHMS RESISTANCE: 71

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			185	1.40		365	2.1		545			1	420	2.0	3.7
10			190	1.40		370	2.3	6	550			2	410	2.6	4.7
15			195	1.50		375	2.6		555			3	400	2.4	4.6
20			200	1.40		380	2.5	5	560			4	390	2.7	5.0
25			205	1.60		385	2.4		565			5	380	3.0	4.9
30			210	1.50		390	2.1	4	570			6	370	2.6	5.2
35			215	1.50		395	2.0		575			7	360	2.6	4.8
40			220	1.50		400	2.1	3	580			8	350	1.9	4.0
45			225	1.40		405	2.3		585			9	340	1.8	4.0
50			230	1.40		410	2.1	2	590			10	330	2.4	4.8
55			235	1.50		415	2.1		595						
60			240	1.60		420	1.8	1	600						
65			245	1.70		425	1.8		605						
70			250	1.80		430	1.7		610						
75			255	1.80		435	1.7	T.D	615						
80			260	1.2		440			620						
85			265	2.0		445			625						
90			270	2.2		450			630						
95			275	2.4		455			635						
100	1.80		280	1.3		460			640						
105	1.80		285	1.2		465			645						
110	1.80		290	1.80		470			650						
115	1.1		295	1.70		475			655						
120	2.0		300	1.0		480			660						
125	1.9		305	1.70		485			665						
130	1.9		310	1.80		490			670						
135	1.5		315	1.1		495			675						
140	2.0		320	1.0		500			680						
145	2.2		325	1.1		505			685						
150	1.9		330	2.2	10	510			690						
155	2.4		335	1.7		515			695						
160	2.4		340	1.6	9	520			700						
165	1.7		345	1.5		525			705						
170	1.1		350	1.8	8	530			710						
175	1.60		355	1.8		535			715						
180	1.50		360	2.4	7	540			720						

REMARKS: Set 20' of 8" PVC casing Driller said
 wet 90' to 120' waited 30 minutes could NOT
 blow water Did not get water sample. Started
 injecting at 200'

BURGE CORROSION SYSTEMS, INC.

P.O. BOX 1359 - PHONE 334-6141
AZTEC, NEW MEXICO 87410

COMPANY Meridian Oil DAILY DRILLING REPORT 9-6 1990

WELL NAME: <u>SAN JAWN 28-6</u>	<u>1150W</u>	WELL NUMBER: <u>5 1/4 101</u>	SECTION: <u>H-14</u>	TOWNSHIP: <u>28</u>	RANGE: <u>6</u>
WATER AT: <u>120'</u>		FEET: <u>460'</u>	HOLE MADE:		

DESCRIPTION OF FORMATION			
FROM	TO	FORMATION IS	COLOR
0	18'	PVC 8" CASING (- SANDY-CLAY)	
18'	30'	SANDY CLAY	
30'	70'	Shale	
70'	120'	SANDSTONE / SAND - WATER	
120'	150'	Shale	
150'	160'	SAND	
160'	180'	Shale	
180'	250'	Bentonite	
250'	255'	SANDSTONE	
255'	285'	Shale / Bentonite mix	
285'	310'	SANDSTONE	
310'	460'	Shale - SANDSTONE STREAMERS	

REMARKS: SET 20' 8" PVC CASING - Drilled to 120' HAD MOISTURE
beginning at 70'-120'. Picked up MORE WATER AT . NO WATER SAMPLE
MAKING 20 gpm + . Drilled TO 460'

Driller Brian E. Burge Tool Dresser