

#32 30-039-06912⁵

1126

#190 30-039-20880

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

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NE Sec. 25 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #32, #190

cps 1755w

Elevation 6665' Completion Date 9/25/85 Total Depth 360' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If Casing is cemented, show amounts & types used N/A

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

Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 70' - 80'

Depths gas encountered: N/A

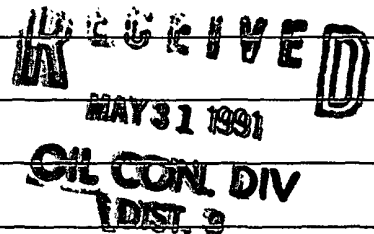
Type & amount of coke breeze used: N/A

Depths anodes placed: 325', 310', 300', 290', 230', 165', 155', 145', 135', 120'

Depths vent pipes placed: 360'

Vent pipe perforations: BOTTOM 300'

Remarks: gb #1



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 LOGDrilling Log (Attach Hereto). ☒Completion Date 9-25-85

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins Union Check
1755-W	SAN JUAN 27-5 # 190		#190 = 600'S = .71	☒ Good ☐ Bad
	SAN JUAN 27-5 # 32		#32 600'S = .73	
Location	Anode Size	Anode Type	Size Bit	
NE 25-27-5	2" x 60"	Duriron	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs Goke Used	Lost Circulation Mat'l Used
360	347'			
Anode Depth				
# 1 325	# 2 310	# 3 300	# 4 290	# 5 230
# 6 165	# 7 155	# 8 145	# 9 135	# 10 120
Anode Output (Amps)				
# 1 4.7	# 2 2.8	# 3 4.5	# 4 4.1	# 5 3.9
# 6 4.7	# 7 4.5	# 8 5.5	# 9 5.6	# 10 5.6
Anode Depth				
# 11 110	# 12	# 13	# 14	# 15
# 16	# 17	# 18	# 19	# 20
Anode Output (Amps)				
# 11 5.6	# 12	# 13	# 14	# 15
# 16	# 17	# 18	# 19	# 20
Total Circuit Resistance			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 12.9	Amps 27.0	Ohms .47		

Remarks: DRILLER SAID HIT WATER BETWEEN 70' & 80'. CAUGHT SAMPLE. Drilled to 360' LOGGED 347'. GROUND BED WAS MAKING APPROX. 12 GALS A MINUTE. ANODE #2 DID NOT RESPOND TO COKE SO INSTALLED #11 ANODE. INSTALLED 360' OF 1" PVC VENT PIPE; PERFORATED BOTTOM 300' OF VENT PIPE

Rectifier Size: 60 V 30 A
 Addn'l Depth
 Depth Credit: 125' 53x 3.00 =
 Extra Cable: 170' x .37 = 62.90
 Ditch & 1 Cable: 180' x 1.35 = 243.00
 25' Meter Pole: - 50.00
 20' Meter Pole:
 10' Stub Pole:

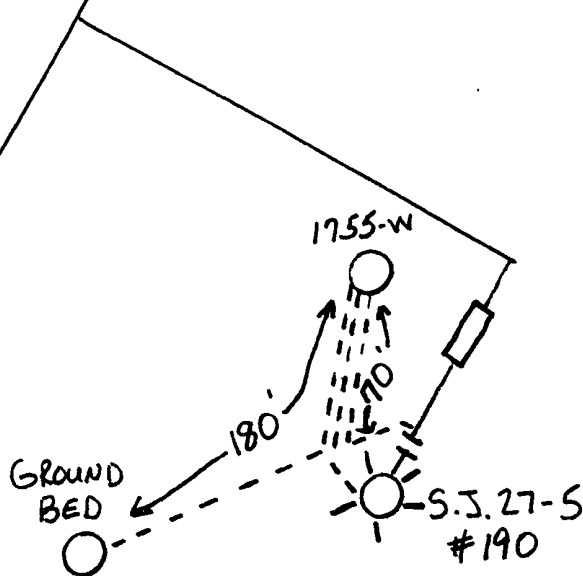
All Construction Completed

Michael R. Williams
 (Signature)

GROUND BED LAYOUT SKETCH

REG. HRS 8
 O.T. HRS 5

#4740.00
 - 459.00
 62.90
 243.00
 550.00
 1160.00
 390.00
 6676.90



10 S.J. 27-5 #32

66665

CPS #: 1755-W WELL NAME: S.J. 27-5 # 190

LOCATION: NE 25-27-5 DATE: 9-25-85

TOTAL VOLTS: 12.9 TOTAL AMPS: 27.0

OHMS RESISTANCE: .47

												ANODE READINGS			
DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO COKE	WITH COKE
5			185	2.1		365			545			①	325	3.0	4.7
10			190	1.2		370			550			②	310	2.5	2.8
15			195	.8		375			555			③	300	3.1	4.5
20			200	.8		380			560			④	290	3.0	4.1
25			205	.7		385			565			⑤	230	2.7	3.9
30			210	.7		390			570			⑥	165	2.7	4.7
35			215	.9		395			575			⑦	155	2.6	4.5
40			220	2.1		400			580			⑧	145	3.1	5.5
45			225	2.2		405			585			⑨	135	3.1	5.6
50			230	2.7	⑤	410			590			⑩	120	3.0	5.6
55			235	2.1		415			595			⑪	110	3.1	5.6
60			240	1.8		420			600						
65			245	2.2		425			605						
70			250	1.7		430			610						
75			255	1.5		435			615						
80			260	1.0		440			620						
85			265	.8		445			625						
90			270	.7		450			630						
95			275	.6		455			635						
100	2.7		280	.9		460			640						
105	2.6		285	1.8		465			645						
110	3.0	⑪	290	2.9	④	470			650						
115	3.2	⑩	295	3.0		475			655						
120	2.9	⑩	300	3.0	③	480			660						
125	2.2		305	2.7		485			665						
130	2.6		310	2.4	②	490			670						
135	3.1	⑨	315	1.6		495			675						
140	3.2		320	2.9		500			680						
145	3.1	⑧	325	2.9	①	505			685						
150	2.1		330	2.4		510			690						
155	2.6	⑦	335	2.0		515			695						
160	2.7		340	1.7		520			700						
165	2.6	⑥	345	1.5		525			705						
170	2.1		350			530			710						
175	1.9		355			535			715						
180	2.2		360			540			720						

REMARKS: Driller said hit water between 70' + 80' Drilled to 360' Logged 347'. Ground Bed was making approx. 12 gals a minute. #2 ANODE did not respond to COKE so installed all ANODE. Installed 360' of 1" PVC vent pipe, perforated bottom 300' of vent pipe.

NE-25-27-5

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[illegible]