

1152

#17 30-039-06876

#165 30-039-28661

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

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 29 Twp 27 Rng 5Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #17, #165

cps 1762w

Elevation 6404' Completion Date 10/15/85 Total Depth 320' Land Type* N/ACasing, Sizes, Types & Depths N/AIf 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. 50'Depths gas encountered: N/AType & amount of coke breeze used: 4000 lbs.Depths anodes placed: 265', 255', 245', 235', 210', 180', 130', 120', 110', 100'Depths vent pipes placed: 318'Vent pipe perforations: 280'Remarks: gb #1**RECEIVED**

MAY 31 1991

OIL CON. DIST.

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 10/15/85

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins	Union Check
1762 W	S.J. 27-5 unit # 17	53931	.73 v W.	☒ Good	☐ Bad
	S.J. 27-5 unit # 195	55543	.74 v W.		
Location	Anode Size	Anode Type	Size Bit		
SW 29-27-5	2" x 60"	Durion	6 3/4"		
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs Coke Used	Lost Circulation Mar'l Used	No Sacks Mud Used
320'	319'		4000		
Anode Depth					
# 1 265	# 2 255	# 3 245	# 4 235	# 5 210	# 6 180
# 7 130	# 8 120	# 9 110	# 10 100		
Anode Output (Amps)					
# 1 2.8	# 2 3.3	# 3 4.4	# 4 4.6	# 5 2.5	# 6 2.4
# 7 3.3	# 8 4.8	# 9 4.9	# 10 3.7		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
# 17	# 18	# 19	# 20		
Total Circuit Resistance					No. 8 C.P. Cable Used
Volts 11.6	Amps 16.0	Ohms .73			No. 2 C.P. Cable Used

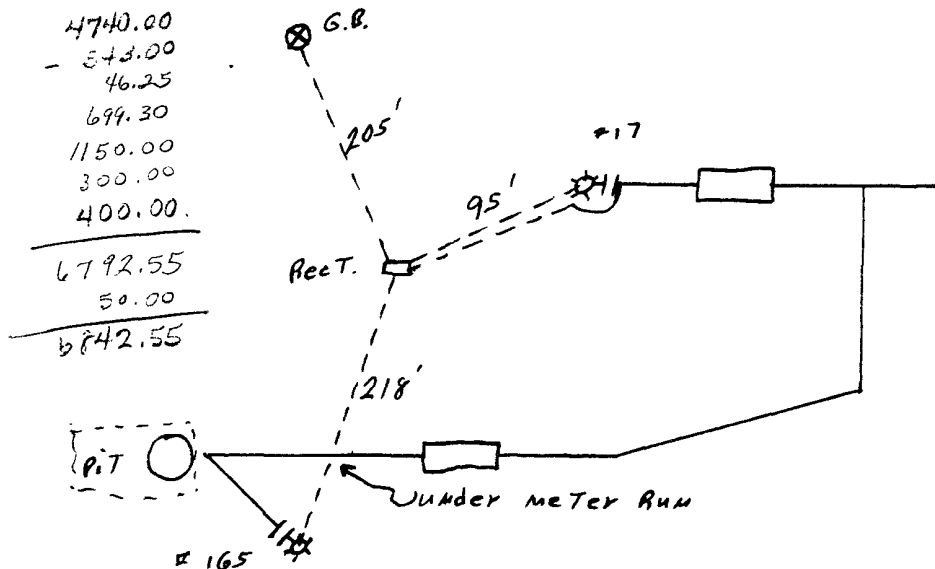
Remarks: Driller said water at 50'. Drilled hole with water.
Drilled to 320'. Logged 318'. installed 318' of 1" p.v.c. vent pipe
perforated to 38'.

Rectifier Size: 60 V 30 A - 1.50
Add'n'l Depth: —
Depth Credit: 181' x 3.00 = 543.00
Extra Cable: 125' x .37 = 46.25
Ditch & 1 Cable: 518' x 1.35 = 699.30
25' Meter Pole: —
20' Meter Pole: —
10' Stub Pole: 1 —

All Construction Completed

(Signature)

GROUND BED LAYOUT SKETCH



Time	Reg.	O.T.
10/11/85	-	1
10/14/85		2
10/15/85	8	3

EL PASO NATURAL GAS COMPANY
CONSTRUCTION LOGGING READINGS

CPS #: 1762 W WELL NAME: S. J. 27-5 UNIT #17 LOCATION: SW 29-27-5 DATE: 10/15/85

TOTAL VOLTS: 11.6 TOTAL AMPS: 16 OHMS RESISTANCE: .73

												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	1.3		365			545			1	265	1.4	2.8
10			190	.8		370			550			2	255	1.8	3.3
15			195	.5		375			555			3	245	2.8	4.4
20			200	.5		380			560			4	235	2.9	4.6
25			205	.5		385			565			5	210	1.7	2.5
30			210	1.8 - ⑤		390			570			6	180	1.6	2.4
35			215	1.0		395			575			7	130	1.8	3.3
40			220	.7		400			580			8	120	2.7	4.8
45			225	.7		405			585			9	110	2.1	4.9
50			230	1.8		410			590			10	100	2.1	3.7
55			235	2.8 - ⑦		415			595						
60	1.2		240	3.0		420			600						
65	1.1		245	2.6 - ⑧		425			605						
70	.9		250	1.8		430			610						
75	.8		255	1.6 - ⑨		435			615						
80	.8		260	1.4		440			620						
85	.9		265	1.3 - ⑩		445			625						
90	1.1		270	1.1		450			630						
95	1.3		275	.8		455			635						
100	1.7 - ⑪		280	.7		460			640						
105	2.5		285	.6		465			645						
110	2.1 - ⑫		290	.7		470			650						
115	2.5		295	.8		475			655						
120	2.7 - ⑬		300	.7		480			660						
125	2.2		305	1.1		485			665						
130	1.7 - ⑭		310	1.7		490			670						
135	1.3		315	3.9 T.D.		495			675						
140	1.3		320			500			680						
145	1.1		325			505			685						
150	1.1		330			510			690						
155	.9		335			515			695						
160	.7		340			520			700						
165	.5		345			525			705						
170	.5		350			530			710						
175	.6		355			535			715						
180	1.7 - ⑮		360			540			720						

REMARKS: Drilled Hole with water. Driller said HIT WATER AT 50'. Drilled To 320', Logged 318'. INSTALLED 318' OF 1" A.V.C. VENT PIPE PERFORATED TO 38'.

DAILY DRILLING REPORT

C.R.S. 1762-W

LEASES: 295 WELL NO: 717-165 CONTRACTOR: RIG NO: REPORT NO: DATE: 10/15/85 19

MORNING

DAYLIGHT

EVENING

Driller: Tim C. RIFEEL				Total Man In Crew: 5				Driller: FROM				Total Man In Crew: FROM				Driller: FROM				Total Man In Crew: FROM															
FROM				TO				FROM				TO				FROM				TO															
INFORMATION				INFORMATION				INFORMATION				INFORMATION				INFORMATION				INFORMATION															
WT-BIT				WT-BIT				WT-BIT				WT-BIT				WT-BIT				WT-BIT															
R.P.M.				R.P.M.				R.P.M.				R.P.M.				R.P.M.				R.P.M.															
NO. DC				SIZE				LENG.				NO. DC				SIZE				LENG.															
B. O.				NO. DC				SIZE				LENG.				B. O.				NO. DC				SIZE				LENG.							
SERIAL NO.				STANDS				SERIAL NO.				STANDS				SERIAL NO.				STANDS				SERIAL NO.				STANDS							
SIZE				SINGLES				SIZE				SINGLES				SIZE				SINGLES				SIZE				SINGLES							
TYPE				DOWN ON KELLY				TYPE				DOWN ON KELLY				TYPE				DOWN ON KELLY				TYPE				DOWN ON KELLY							
MAKE				TOTAL DEPTH				MAKE				TOTAL DEPTH				MAKE				TOTAL DEPTH				MAKE				TOTAL DEPTH							
MUD RECORD				MUD, ADDITIVES USED AND RECEIVED				MUD RECORD				MUD, ADDITIVES USED AND RECEIVED				MUD RECORD				MUD, ADDITIVES USED AND RECEIVED				MUD RECORD				MUD, ADDITIVES USED AND RECEIVED							
Time				Wt.				Vis.				Time				Wt.				Vis.				Time				Wt.				Vis.			
FROM				TO				FROM				TO				FROM				TO				FROM				TO							
TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN											
REMARKS -				REMARKS -				REMARKS -				REMARKS -				REMARKS -				REMARKS -				REMARKS -											

REMARKS -
0-50 SAND / SANDY BROWN SHALE
LOST CIRCULATION AT 52 FT
GET CIRCULATION BACK AT 300 FT
300-320 SAND STONE
DRILED 320 FT
110 319 FT

SIGNED: Toolpusher *Tim C. Rifeel*

Company Supervisor