

975

42-30-039-07237
164-30-039-20479

8

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. 34 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #42, #164
cps 1185w

Elevation 6692' Completion Date 8/10/77 Total Depth 500' 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. 300'

Depths gas encountered: N/A

Type & amount of coke breeze used: 67 SACKS

Depths anodes placed: 420', 410', 400', 390', 380', 370', 360', 345', 335', 325'

Depths vent pipes placed: 425',

Vent pipe perforations: 300'

Remarks: gb #1 UNABLE TO GET COKE AROUND #5 ANODE. INSTALLED #1 ANODE.

RECEIVED
MAY 31 1991.
OIL CON. DIV.
DIST. 3

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 8-10-77

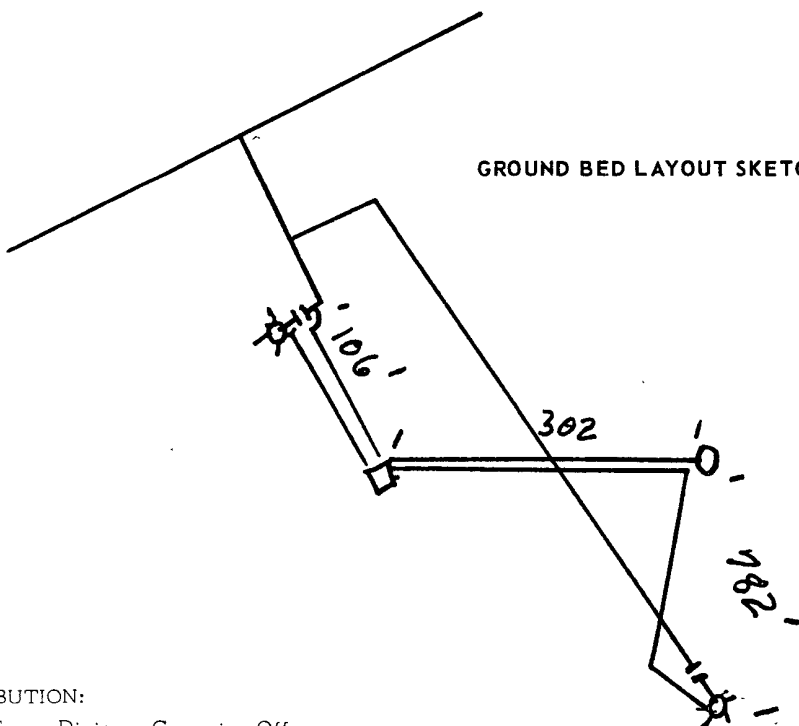
Well Name SAN JUAN 28-6 UNIT #42		Location SW 34-28-6		CPS No. 1185W	
Type & Size Bit Used 6 3/4"				Work Order No. #42 = 52652.19 #164 = 55195.19	
Anode Hole Depth 500 - 475	Total Drilling Rig Time	Total Lbs. Coke Used 67	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 420	#2 410	#3 400	#4 390	#5 380	#6 370
#7 360	#8 345	#9 335	#10 325		
Anode Output (Amps)					
#1 3.2	#2 4.6	#3 4.5	#4 3.9	#5 3.2	#6 2.8
#7 1.7	#8 4.2	#9 3.9			
Anode Depth					
#11 315	#12	#13	#14	#15	#16
#17	#18	#19	#20		
Anode Output (Amps)					
#11 2.3	#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 11.4	Amps 13.3	Ohms 0.86			

Remarks: Static #42 600' S.W. = 0.75, Static #164 600' N.W. = 0.77
Installed 10-2"x2"x48" Graphite Anodes. Driller said Making
Water @ 300'. Started Inj. @ 310'. Perforated 300' of 1" PVC Vent Pipe
Installed 425' of 1" PVC Vent Pipe. Slurried 67 sacks of Coke
Unable to Get Coke Around #5 Anode. Installed #11 Anode
Installed 60V 30A Rectifier & Stub Pole

All Construction Completed

W. Z. Lora
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

WHITE - Division Corrosion Office
 YELLOW - Area Corrosion Office
 PINK - Originator File

W692

SAN JUAN 28-6 UNIT # 42

52652.19

SAN JUAN 28-6 Unit[#] 164

SW 34-28-6

11854

55195.19

MW	gals/mol	
16.04	C ₁	6.4
30.07	C ₂	10.12
44.10	C ₃	10.42
58.12	iC ₄	12.38
58.12	nC ₄	11.93
72.15	iC ₅	13.85
72.15	nC ₅	13.71
86.18	iC ₆	15.50
86.18	C ₆	15.57
100.21	iC ₇	17.2
100.21	C ₇	17.46
114.23	C ₈	19.39
28.05	C ₂ ⁺	9.64
42.08	C ₃ ⁺	9.67

MW	MISC. gals/mol	
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

Static #42	600 SW 0.75		Puller Sand Making Water @ 300'
Static #164	600 NW 0.77		Perforated 300' of 1" PVC Vent Pipe
Installed 10-2"x2"x8" Graphite Insulation			Installed 425' of 1" PVC Vent Pipe
60V 30A Rectifier			SURRYED SACKS OF COKE
5-Lb Pole			
300 1.2	60 1.2		
1.1	1.4		
70 1.0	70 1.4		
1.2	1.4	+D	
20 1.6	80		
1.8 (10)			
30 1.7	90		
1.5 (9)			
40 1.3	500		
1.4 (8)			
50 1.2			
1.3			
60 1.4 (7)			
1.5			
70 1.4 (6)			
1.2		(1) 420	2.0 3.2
80 1.2 (5)		(2) 410	2.2 4.6
1.2		(3) 400	2.0 4.5
90 1.5 (4)		(4) 390	2.0 3.9
1.8		(5) 380	1.5 NO COKE
400 1.5 (3)		(6) 370	1.9 3.2
1.7		(7) 360	1.8 2.8
10 1.8 (2)		(8) 345	1.7 3.7
1.5		(9) 335	1.9 4.2
- 20 1.5 (1)		(10) 325	2.4 3.9
1.0		(11) 315	1.3 2.3
30 1.8			
.6			
40 .6			
.5			
50 .6			
1.1			

LEASE

WELL NO. 1185w

CONTRACTOR

RIG NO.

REPORT NO.

DATE 8-9

MORNING

DAYLIGHT

EVENING

Driller					Total Men In Crew					Driller					Total Men In Crew					Driller					Total Men In Crew				
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.					

7D-488

NO. DC		SIZE	LENG.	NO. DC		SIZE	LENG.	NO. DC		SIZE	LENG.		
BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	NO. DC		SIZE	LENG.
SERI. NO.		STANDS		SERIAL NO.		STANDS		SERIAL NO.		STANDS			
SIZE		SINGLES		SIZE		SINGLES		SIZE		SINGLES			
TYPE		DOWN ON KELLY		TYPE		DOWN ON KELLY		TYPE		DOWN ON KELLY			
MAKE		TOTAL DEPTH		MAKE		TOTAL DEPTH		MAKE		TOTAL DEPTH			

[illegible]

FROM		TO		TIME BREAKDOWN		REMARKS -	
.0		3					
5		10					
10		40					
40		55					
55		75					
75		95					
REMARKS -							
FROM		TO		TIME BREAKDOWN		REMARKS -	
95		110					
110		115					
115		130					
130		150					
150		160					
160		175					
REMARKS -							
FROM		TO		TIME BREAKDOWN		REMARKS -	
115		120					
120		130					
130		140					
140		150					
150		160					
160		175					
REMARKS -							
FROM		TO		TIME BREAKDOWN		REMARKS -	
120		130					
130		140					
140		150					
150		160					
160		175					
REMARKS -							
FROM		TO		TIME BREAKDOWN		REMARKS -	
130		140					
140		150					
150		160					
160		175					
REMARKS -							
FROM		TO		TIME BREAKDOWN		REMARKS -	
140		150					
150		160					
160		175					
REMARKS -							
FROM		TO		TIME BREAKDOWN		REMARKS -	
150		160					
160		175					
REMARKS -							
FROM		TO		TIME BREAKDOWN		REMARKS -	
160		175					
REMARKS -							

REMARKS -

REMARKS -

258 - 260	Sand stone
260 - 265	Shale
265 - 285	Sand stone
285 - 300	Sand wet making coal
300 - 390	Shale
390 - 410	Sandy shale
410 - 465	Shale
465 - 500	Shandy shale

SIGNED: Toolpusher

Company Supervisor