

1050

10- 30-039-07012
115- 30-039-20220
182- 30-039-20815

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. 23 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #10, #115, #182

cps 1714w

Elevation 6553' Completion Date 9/26/83 Total Depth 220' Land Type* N/A

Casing, Sizes, Types & Depths 20' OF 8" PVC SURFACE CASING

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. 30'

Depths gas encountered: N/A

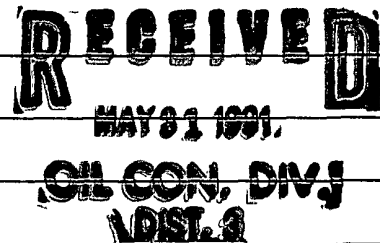
Type & amount of coke breeze used: 2010 lbs.

Depths anodes placed: 170', 160', 150', 140', 130', 120', 110', 100', 90', 70'

Depths vent pipes placed: 205'

Vent pipe perforations: 180'

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 LOG

Drilling Log (Attach Hereto) ☐Completion Date 9/26/83

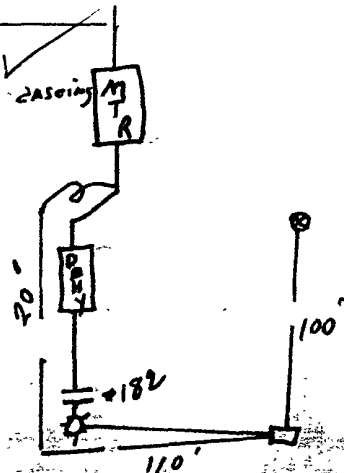
CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check						
1714 W	S.J. 27-5 #10	52706-19-50-20-64	600.5 = 1.77 V	☒ Good ☐ Bad						
	S.J. 27-5 #115	54695-19-50-20-64	600.3 = .74 V							
	S.J. 27-5 #182	55627-21-50-20-64	600.5 = .67 V							
Location: NE 23-27-5	Anode Size: 2" X 60"	Anode Type: DUTION	Size Bit: 6 3/4"							
Depth Drilled: 220'	Depth Logged: 205'	Drilling Rig Time	Total Lbs. Gase Used: Slurred 2010 LB	Lost Circulation Mat'l Used						
No. Sacks Mud Used										
Anode Depth	#1 170'	#2 160'	#3 150'	#4 140'	#5 130'	#6 120'	#7 110'	#8 100'	#9 90'	#10 70'
Anode Output (Amps)	#1 3.87	#2 4.17	#3 4.23	#4 5.04	#5 4.27	#6 3.6	#7 4.51	#8 4.21	#9 3.62	#10 3.4
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	Volts 12.08		Amps 15.6		Ohms .8		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	

Remarks: Driller said water at 30', Approx 20 gal/min. Drilled to 40' water standing in hole next A.M. AT 20' TOOK WATER SAMPLE. SET 20' of 8" P.V.C. SURFACE CASING. (1 Hr. Rig Time) Drilled To 220'. Logged 205'. INSTALLED 205' of 1" P.V.C. VENT PIPE PERFORATED 180'.

Rectifier Size: 60 V 30 A ✓
 Addn'l Depth: _____
 Depth Credit: 315' ✓
 Extra Cable: 140' ✓
 Ditch & 1 Cable: 230' ✓
 25' Meter Pole: 1 ✓
 20' Meter Pole: _____
 10' Stub Pole: _____

1 Hr. Rig Time For Setting ✓

20' of 8" P.V.C. SURFACE CASING



GROUND BED LAYOUT SKETCH

(EPPG will flow
neg. to the 182 & 10)

All Construction Completed

[Signature]
(Signature)

Time	Res	O.T.
10 Hr.	8	2

C.P.S. 1714 W

S.J. - 27-5 - 10

W.O. 52706-19-50-20-6

S.J. - 27-5 - 115

54695-19-50-20-6

NE 23-27-5

S.J. - 27-5 - 182

55627-21-50-20-6

MW	gals/mol
16.04	C1 6.4
30.07	C2 10.12
44.10	C3 10.42
58.12	iC4 12.38
58.12	nC4 11.93
72.15	iC5 13.85
72.15	nC5 13.71
86.18	iC6 15.50
86.18	C6 15.57
100.21	iC7 17.2
100.21	C7 17.46
114.23	C8 19.39
28.05	C2 9.64
42.08	C3 9.67

MW	MISC.	gals/mol
32.00	O2	3.37
28.01	CO	4.19
44.01	CO2	6.38
64.06	SO2	5.50
34.08	H2S	5.17
28.01	N2	4.16
2.02	H2	3.38

20 -	190 - 1.55	DRILLER SAID WATER AT 20'
	1.18	DRILLED TO 40', WATER
30 - 1.7	200 - 1.1	STANDING IN HOLE NEXT
2.64	205 - T.D.	A.M. AT 20'. TOOK WATER
40 - 1.83	10 -	SAMPLE, HOLE MAKING
1.6		APPROX. 20 GAL/MIN. SET
50 - 1.52	20 -	20' OF 8" P.V.C. SURFACE
1.5		CASEING. (1 HR. RIG TIME)
60 - 1.67		DRILLED TO 220', LOGGED 205'
2.14		INSTALLED 205' OF 1" P.V.C.
20 - 2.62 - (1)		HENT PIPE, PERFORATED
1.67		180'
80 - 1.75		
2.0		
90 - 2.81 - (2)		
3.4		
100 - 2.46 - (8)		
3.09		
10 - 3.34 - (7)		
2.34		12.08 V. 15.6 A = .8 R
20 - 2.63 - (6)		1 - 170' - 3.0 - 3.87
2.73		2 - 160' - 2.98 - 4.17
30 - 3.39 - (5)		3 - 150' - 3.38 - 4.23
3.64		4 - 140' - 3.56 - 5.04
40 - 3.63 - (4)		5 - 130' - 3.20 - 4.27
3.47		6 - 120' - 2.65 - 3.6
50 - 3.21 - (3)		7 - 110' - 3.31 - 4.51
3.32		8 - 100' - 3.05 - 4.21
60 - 2.92 - (2)		9 - 90' - 2.78 - 3.62
3.01		10 - 70' - 2.50 - 3.4
70 - 2.73 - (1)		
1.83		
80 - 1.97		
.61		

CPS 1714 W DAILY DRILLING REPORT

27-5 # 182
 LEASE SAW 34N WELL NO. 3-wells CONTRACTOR SK Drilling RIG NO. 3 REPORT NO. 9-26 DATE 9-26 1983

MORNING					DAYLIGHT					EVENING				
Driller <u>Billy Sander</u> Total Men In Crew <u>2</u>					Driller <u>Billy Sander</u> Total Men In Crew <u>2</u>					Driller <u>Billy Sander</u> Total Men In Crew <u>2</u>				
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.
					0	20	SAND-PVC	13"						
					20	180	Shale	6 3/4						
					180	220	SAND							

BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.
SE L 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		

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	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN

REMARKS -	REMARKS -	REMARKS -
	Making water 30' 20 gal mixed	
	1-hr Rig time for setting 20' of 4" PVC surface pipe	

SIGNED: Toolpusher

Billy Sander

Company Supervisor

JE Stott