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30-039-22654

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NW Sec. 28 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #94A

cps 1693w

Elevation 6325 Completion Date 9/6/83 Total Depth 480' 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. 130' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: 4800 lbs.

Depths anodes placed: 375', 370', 315', 310', 305', 300', 190', 185', 180', 175'

Depths vent pipes placed: 485'

Vent pipe perforations: 400'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. DIV.
1051.3

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 9-6-83

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
1693-W	S.J 30-6 #94A	59110-21-SD-20-44	-76 600'SE	68mA
				☒ Good ☐ Bad
Location:	Anode Size:	Anode Type:	Size Bit:	
NW 28-30-7	2" X 60"	Ducron	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
480'	480'		4,800'	
Anode Output Output				
# 1 2.40	# 2 2.20	# 3 3.70	# 4 3.90	# 5 3.60
# 6 3.40	# 7 3.00	# 8 3.40	# 9 2.90	# 10 2.90
Anode Depth Depth				
# 1 375	# 2 370	# 3 315	# 4 310	# 5 305
# 6 300	# 7 190	# 8 185	# 9 180	# 10 175
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		No. 2 C.P. Cable Used
Volts 12.3	Amps 12	Ohms 102		

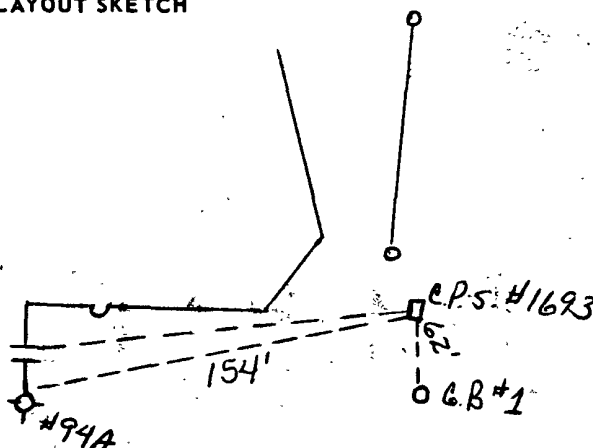
Remarks: Drilled to 120' with only moist spots. 3 Days later Drilled to 130', Hit water, started Injection with soap. Installed 485' of 1" pvc vent pipe of which 400' was perforated. Miller Estimates Hole @ 30 to 40 g.p.m. Slurried approx. 4,800 lbs Coke Down Hole. no water sample.

Rectifier Size: 40 V 16 A ✓
 Addn'l Depth _____
 Depth Credit: 20' ✓
 Extra Cable: 169' ✓
 Ditch & 1 Cable: 216' ✓
 25' Meter Pole: _____
 20' Meter Pole: 20' mp ✓
 10' Stub Pole: _____

All Construction Completed

C. W. Donohue
 (Signature)

GROUND BED LAYOUT SKETCH



Reg time	over time
8 hrs	2 hrs

✓

6325

DAILY DRILLING REPORT

LEASE		WELL NO. <i>SJ 30-6 #94A</i>		CONTRACTOR <i>Lott's Co.</i>		RIG NO.		REPORT NO.		DATE		19		
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.
130	155	Sandy Shale			320	365	Sandstone							
160	195	Shale			370	375	Sandy shale							
200	395	Sandstone			375	480	Sandy Sandstone							
300	315	Shale												
BIT		NO. DC _____ SIZE _____ LENG. _____			BIT NO.		NO. DC _____ SIZE _____ LENG. _____			BIT NO.		NO. DC _____ SIZE _____ LENG. _____		
SERIAL 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 -				
<i>30 to 40 g.p.m.</i>														

SIGNED: Toolpusher

Company Supervisor

[Signature]

C.P.S. 1693-W

NW 28-30-7

S J 30-6 #94A

W.O.# 59110-21-50-20-64

Stat. C = 76 600' SE

Union CK = 68 MA OK

Drilled to 120' with only moss
spots. Drilled to 130' hit water
Started injection with 5 gal.
Installed 485' of 1" PVC
vent. p.c. 400' with perforations.
Driller Estimates Hole @
30 to 40 g.p.m.
Spurred approx. 4,800 lbs. Coke
Down Hole
Drilled: 480'
Logged: 480'
NO Water Sample

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

Logged thru 2,300' wire

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

30	355	.6
35	60	.6
40	65	.7
45 .5	70	.8 ①
50 .6	75	.8 ①
55 .6	80	.4
60 .9	85	.4
70 1.2	90	.3
75 1.1 ⑥	95	.6
80 1.2 ⑦	400	.4
85 1.2 ⑧	05	.3
90 1.0 ⑨	10	.4
95 .5	15	.4

200 .3	20	.4
05 .3	25	.4
10 .3	30	.4
15 .2	35	.4
20 .2	40	.4
25 .2	45	.4
30 .2	50	.3
35 .2	55	.3
40 .2	60	.3
45 .2	65	.3
50 .5	70	.3
55 .4	75	.3
60 .3	80	TD
65 .3	85	
70 .3	90	
75 .3	95	
80 .4	500	
85 .4		
90 .4		
95 .6		

3

00 1.0 ⑩		
05 1.0 ⑪		
10 1.2 ⑫		
15 1.1 ⑬		
20 .7		
25 .7		
30 .7		
35 .5		
40 .4		
45 .4		
50 .6		

①	375	.90	2.40
②	370	.90	2.20
③	315	1.40	3.70
④	310	1.30	3.90
⑤	305	1.20	3.60
⑥	300	1.20	3.40
⑦	190	1.20	3.00
⑧	185	1.50	3.40
⑨	180	1.40	2.90
⑩	175	1.20	2.90

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