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30-039-22425

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. 33 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #114M

cps 1626w

Elevation 6841' Completion Date 8/6/81 Total Depth 605' 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. 185' & 325'

Depths gas encountered: N/A

Type & amount of coke breeze used: 7800 lbs.

Depths anodes placed: 580', 570', 560', 550', 540', 530', 520', 510', 500', 490'

Depths vent pipes placed: 600'

Vent pipe perforations: 290'

Remarks: cg5 #1

RECEIVED

MAY 31 1991

OIL CON. T.

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 8-06-81

Well Name <u>SJ. 29-7 #114</u>		Location <u>NW 33-29-7</u>		CPS No. <u>1626-W</u>	
Type & Size Bit Used <u>6 3/4" Anodes 2" X 60" Duriron</u>		Work Order No. <u>57947-21-50-20</u>			
Anode Hole Depth <u>605 Inched 605</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>7,800</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>580</u>	# 2 <u>570</u>	# 3 <u>560</u>	# 4 <u>550</u>	# 5 <u>540</u>	# 6 <u>530</u>
# 7 <u>520</u>	# 8 <u>510</u>	# 9 <u>500</u>	# 10 <u>490</u>		
Anode Output (Amps)					
# 1 <u>2.56</u>	# 2 <u>2.97</u>	# 3 <u>2.70</u>	# 4 <u>2.32</u>	# 5 <u>3.19</u>	# 6 <u>2.90</u>
# 7 <u>3.02</u>	# 8 <u>3.13</u>	# 9 <u>2.94</u>	# 10 <u>3.17</u>		
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 <u>12.1</u>	Amps <u>13.7</u>	Ohms <u>.88</u>			

Remarks: Static $\phi_s = -1.05$ 600' N NO union, FI not layed yet.
Driller said water @ 185'. could not Blow water out of Hole
next morning. found additional water @ 325'.
Drilled to 605. Installed 290' of perforated 1" Pvc vent + P.p.c
Slurried 7,800 lbs coke Down Hole. Installed 600'
vent Pipe 310' solid.

Hole Depth = +105 ✓
Extra Cable = none ✓
Ditch cable = none ✓
20' meter pole ✓
40-16 Rect. ✓

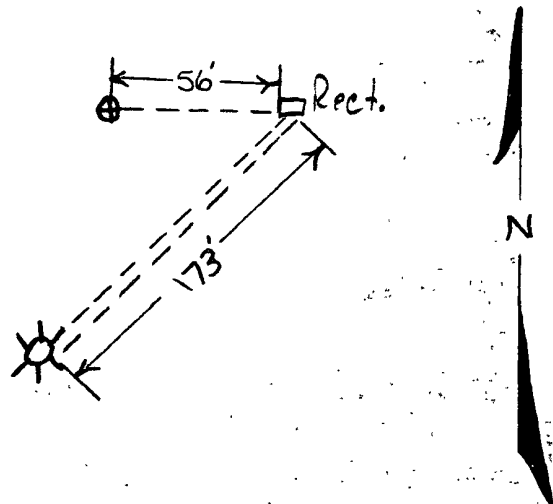
All Construction Completed

C.W. Donohue
(Signature)

GROUND BED LAYOUT SKETCH

EPNG will Plow ✓
all cables

8-06 | Reg Time | O.T.
8 | 2 ✓



DISTRIBUTION:

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

SJ 29-7# 114 m (mvdK) CPS 1626
 # NW 33-29-7
 57947-21-50-20 Stat. C¹/S = 7.05 600'
 no FI layed yet

Driller Sand water @ 325'
 Could not Blow water out
 of Hole next morning. Drilled
 to 605'

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

40-16
 meter pole

20'

30.0 400.80 5.00 1.39^① 600 1.00

.60 1.30

605 TD Logged & Drilled

10 10 .57 10 1.30^⑧ 10

.58 1.38

20 20 .58 20 1.38^⑦ 20

.4 .54 1.33

30 .61 30 .59 30 1.37^⑥ 30

1.02 1.06 1.33

40 1.12 40 1.14 40 1.30^⑤ 40

1.25 .90 1.25

50 1.16 50 1.16 50 1.40^④ 50

1.03 1.33 1.39

60 1.15 60 .85 60 1.22^③ 60

1.40 .82 1.49

70 1.37 70 .86 70 1.39^② 70

.93 1.13 1.43

80 1.12 80 1.37 80 1.28^① 80

1.22 1.28 1.26

90 1.17 90 1.40^⑩ 90 1.28 90

.89 1.43 1.16

① 580 1.69 2.56

② 570 2.11 2.97

③ 560 1.79 2.70

adj. ④ 550 1.86 2.32

⑤ 540 2.28 3.19

⑥ 530 1.91 2.90

⑦ 520 1.95 3.02

⑧ 510 1.98 3.13

⑨ 500 1.90 2.94

⑩ 490 2.08 3.17

VOLTS = 12.1

AMPS = 13.7

OHMS = .88

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

DAILY DRILLING REPORT

CP 5 1626 5 J 29-7 # 114
LEASE WELL NO. CONTRACTOR *Henry Kilbuck* RIG NO. 1
DATE 8-6-81 19

MORNING				EVENING											
Total Men In Crew				Total Men In Crew											
Driller		Driller		Driller		Driller									
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.						
C	5	0 13 w/sl													
5	325	55 w/sl													
325	485	35 w/sl													
485	605	54													
NO. DC		SIZE	LENG.	NO. DC		SIZE	LENG.	NO. DC		SIZE	LENG.				
BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	
S		IL NO.	STANDS	S		IL NO.	STANDS	S		IL NO.	STANDS	S		IL 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.	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		TIME BREAKDOWN	

REMARKS -
7126 55 at 325
logged 605
7126 605

REMARKS -

REMARKS -

SIGNED: Toolpusher

CP 5 1626 5 J 29-7 # 114

Company Supervisor

Bill Donohue