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30-045-22503

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

Operator MERIDIAN OIL Location: Unit SE Sec. 4 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced SCOTT #6A

cps 126lw

Elevation 5989' Completion Date 6/29/78 Total Depth 360' Land Type* N/A

Casing, Sizes, Types & Depths 33' OF 8" 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. 75' - 90' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 315', 305', 290', 280', 270', 245', 225', 210', 200'

Depths vent pipes placed: 350'

Vent pipe perforations: 200'

Remarks: gb #1

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 6-29-78

Well Name SCOTT #6A		Location SE 4-31-10		CPS No 1261 W	
Type & Size Bit Used 6 3/4"				Work Order No. 57197-21	
Anode Hole Depth 360 - 34010	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
1 315	2 305	3 290	4 280	5 270	6 265
7 235	8 225	9 210	10 200		
Anode Output (Amps)					
1 3.5	2 3.3	3 3.4	4 3.3	5 3.0	6 3.6
7 3.7	8 4.0	9 4.0	10 4.5		
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 9.0	Amps 11.5	Ohms .78			

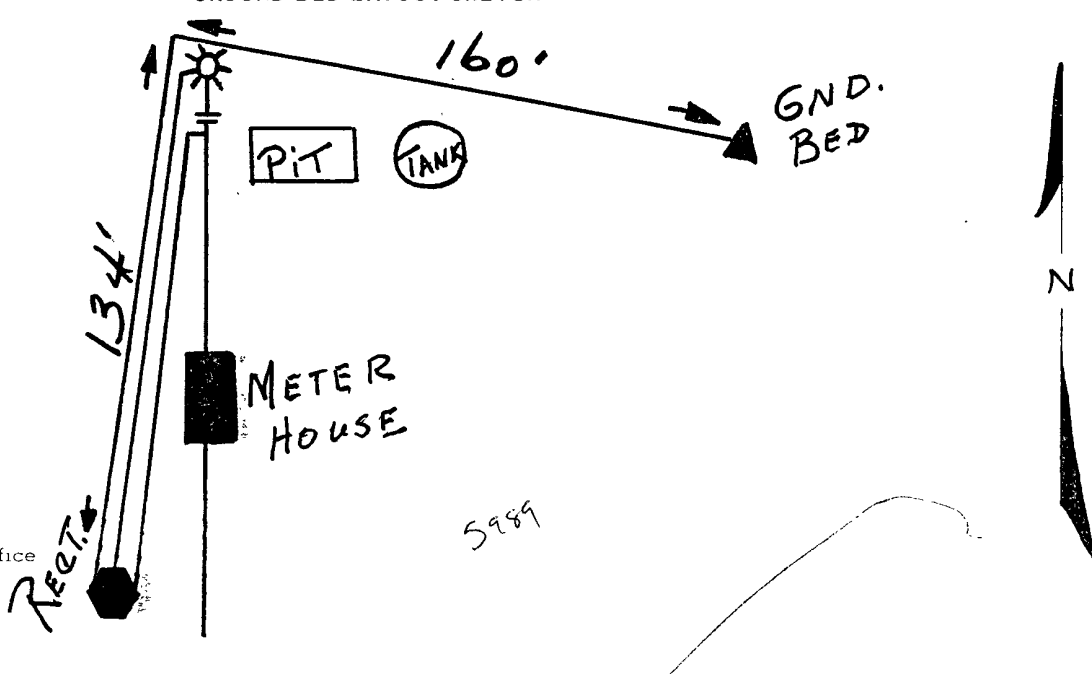
Remarks: **STATIC = .86 - CABLE TOOLS DRILLED 36' SET 33' 8" CASING (28 HRS). MAKING WATER 75 TO 90' - 95 TO 115' - 145 TO 155. 200' 1" PERFORATED VENT 150' 1" PLAIN.**

DITCH & 1 WIRE = 300' ALL GRAPHITE ANODES
EXTRA WIRE = 268'
40/160 STUD POLE
HOLE = -160'

All Construction Completed

B.T.
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

DAILY DRILLING REPORT

LEASE			WELL NO.			CONTRACTOR			RIG NO.			REPORT NO.			DATE		
MORNING						DAYLIGHT						EVENING					
Driller						Driller						Driller					
Total Men In Crew						Total Men In Crew						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.	
BIT		NO. DC		SIZE		LENG.		BIT NO.		NO. DC		SIZE		LENG.		BIT NO.	
SERIAL NO.		STANDS		SINGLES		DOWN ON KELLY		SERIAL NO.		STANDS		SINGLES		DOWN ON KELLY		SERIAL NO.	
MAKE		TOTAL DEPTH						MAKE		TOTAL DEPTH						MAKE	
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			
0	38	CASED				115	143	SHALE									
38	70	SAND				143	155	SAND (WET)									
70	75	SANDY SHALE				155	220	SHALE									
75	90	SAND (WET)				220	245	SANDY SHALE									
90	95	SHALE				245	360	SHALE									
95	115	SAND (WET)															
REMARKS -						REMARKS -						REMARKS -					
												MAKING WATER 75-90'					
												11 95-115'					
												11 143-155'					

SIGNED: Toolpusher

____ Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet 6-297
Date
By
File: BT

57197-21

STATIC = .8

SCOTT 6A 1261 W

SE 4-31-10

DRILLED TO 360' LOGGED TO 340' HOLE = -160

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

200' 1" PERFORATED PVC JUNT 150' 1" PLAIN

ALL 2" X 48" GRAPHITE ANODES

100

60 1.6

10

- 2.2

10

70 2.4

(5)

20

2.4

20

80 2.6

(4)

30

2.6

30

90 2.3

(3)

40

2.2

40

300 2.4

50

2.6

(2)

50 1.8

10 2.6

60

2.8

(1)

1.6

20 2.8

70

2.8

60 1.9

30 2.8

80

2.6

2.0

40 2.6

90

70 2.2

50

500

2.8

2.2

60

10

80 2.5

70

20

2.6

3.6

80

30

90 2.6

90

40

2.8

2.8

100

50

200 3.0

20

60

2.6

2.8

30

70

10 2.6

40

80

2.4

2.5

50

90

20 2.6

60

100

2.4

2.6

70

20

30 2.6

80

30

2.4

2.4

90

40

40 2.4

100

50

2.0

2.4

110

60

50 2.0

120

70

1.6

1.6

9.0 V 11.5A = 78a

1 = 315' - 2.8 - 3.5

2 = 305' - 2.5 - 3.3

3 = 290' - 2.4 - 3.4

4 = 280' - 2.6 - 3.3

5 = 270' - 2.4 - 3.6

6 = 245' - 2.6 - 3.6

7 = 235' - 2.4 - 3.7

8 = 225' - 2.8 - 4.0

9 = 210' - 2.6 - 4.1

10 = 200' - 3.2 - 4.5

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

El Paso Natural Gas Company
San Juan Division
Farmington, New Mexico
Production Department Water Analysis

Analysis No. 1-9289 Date 8-2-78

Operator EPNG Well Name SCOTT #6A

Location J4-31-10 County SAN JUAN State NEW MEXICO

Field _____ Formation _____

Sampled From CPS 1261W

Date Sampled _____ by _____

Tubing Pressure _____ Casing Pressure _____ Surface casing pressure _____

	ppm	epm		ppm	epm
Sodium	<u>2438</u>	<u>106</u>	Chloride	<u>369</u>	<u>10</u>
Calcium	<u>150</u>	<u>8</u>	Bicarbonate	<u>107</u>	<u>2</u>
Magnesium	<u>20</u>	<u>2</u>	Sulfate	<u>5000</u>	<u>104</u>
Iron	<u>PRESENT</u>		Carbonate	<u>0</u>	<u>0</u>
H ₂ S	<u>ABSENT</u>		Hydroxide	<u>0</u>	<u>0</u>

Total Dissolved Solids 7660

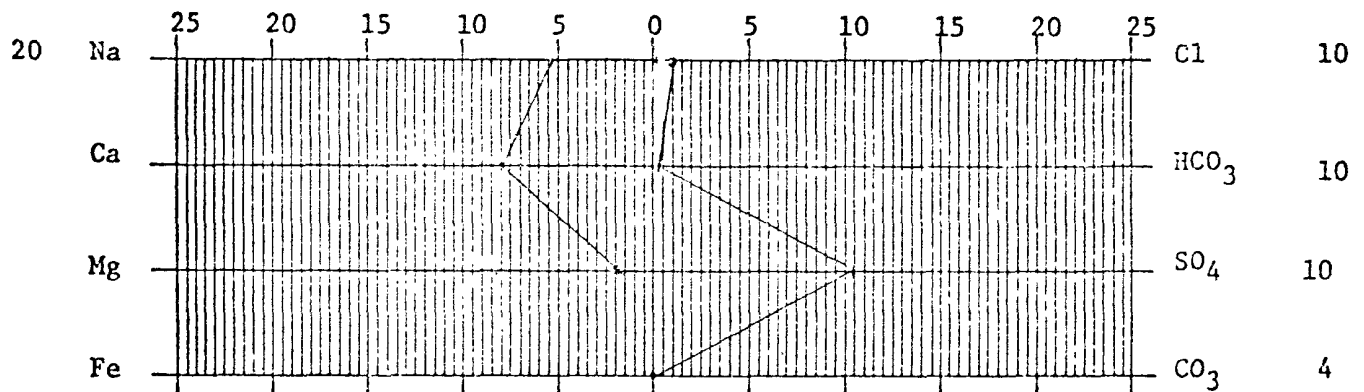
ph 7.2

cc: D. C. Adams W. B. Shropshire
A. M. Smith
R. A. Ullrich
W. D. Dawson
E. R. Paulek
J. W. McCarthy
File

Sp. Gr. 1.0084 at 60°F

Resistivity 110 ohm-cm at 74 °F

Cheryl T. ...
Chemist



Scale: epm