30-045-09505
30-045-27064

5013

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. 16 Twp 30 Rng 8

Name of Well/Wells or Pipeline Serviced STANLOLIND GAS COM #1, #300

cps 1306w

Elevation 5762' Completion Date 10/7/78 Total Depth 260' Land Type* N/A

Casing, Sizes, Types & Depths 22' of 8" SURFACE CASING

If Casing is cemented, show amounts & types used N/A

If Cement or Bentonite Plugs have been placed, show depths & amounts used

19' OF LOOSE GRAVEL

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. 70' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 25 SACKS

Depths anodes placed: 230', 220', 205', 195', 185', 130', 120', 110', 100', 90'

Depths vent pipes placed: 260' OF 1" PVC VENT PIPE

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.

El Paso Natural Gas Company
Form 7-238 (Rev. 11-71)

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐ #30 Completion Date 10-7-48

Well Name	Location	CPS No.
Standlind Gas Com #1	NE16-30-8	1306W
Type & Size Bit Used	Contract #2	Work Order No.
6 3/4"		20138-19

Anode Hole Depth	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
Logged 260 - 260				

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	230	220	205	195	185	130	120	110	100	90
Anode Output (Amps)	2.8	3.6	2.8	4.5	3.6	4.0	3.7	4.7	4.3	4.1
Anode Depth	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20
Anode Output (Amps)										

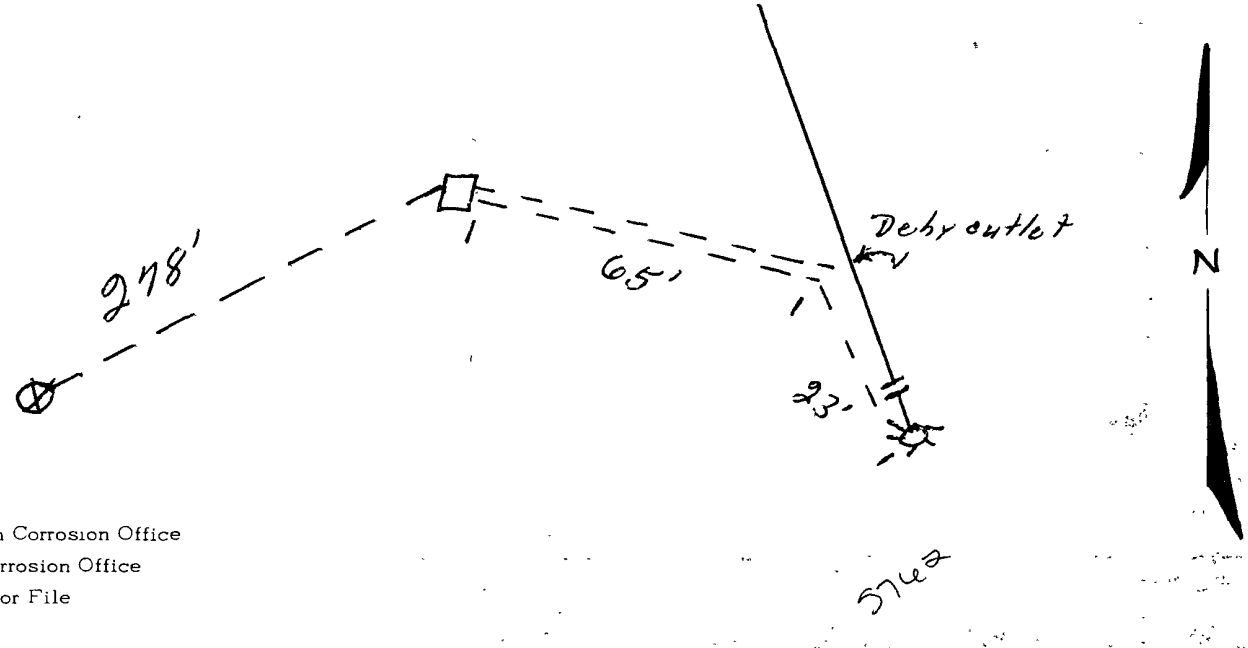
Total Circuit Resistance			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 10.8	Amps 15.7	Ohms 0.69		

Remarks: Static 600'E = 0.7% Installed 10-2"x2"x48" Graphite Anodes Drilled to 70'. waited 20 min. Blew water, Installed 22' surface Casing, 6" P.V.C. 19' of Loose Gravel. Perforated 200' of 1" PVC vent Pipe Installed 260' of 1" PVC vent Pipe. Gnd Bed water 30-35 Gals Per Min. 40V 16A Rectifier Hole Depth = -240 Stub Pole Ditch & Cable = 366' Extra Cable = 65' Graphite Anodes

All Construction Completed

W F Lewis
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:
WHITE – Division Corrosion Office
YELLOW – Area Corrosion Office
PINK – Originator File

Form 22-2 (Rev. 1-61)

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE WELL NO. 1306 W CONTRACTOR D+F Enter RIG NO. 2 REPORT NO. DATE Oct 7 19 75

MORNING

Driller Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.

BIT NO. DC SIZE LENG.

BIT NO. DC SIZE LENG.

SERIAL NO. STANDS

SIZE SINGLES

TYPE DOWN ON KELLY

MAKE TOTAL DEPTH

MUD RECORD

Time	Wt.	Vis.

MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN
0	20	Top Soil
20	40	Sand Stone
40	60	Gray Sand Stone
60	80	Soft Stone (water)
80	120	Shale
120	140	Sandy Shale

REMARKS –

DAYLIGHT

Driller Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.

BIT NO. DC SIZE LENG.

BIT NO. DC SIZE LENG.

SERIAL NO. STANDS

SIZE SINGLES

TYPE DOWN ON KELLY

MAKE TOTAL DEPTH

MUD RECORD

Time	Wt.	Vis.

MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN
140	160	Shale
160	180	Sandy Shale
180	200	Shale
200	220	Sandy Shale
220	240	Sand Stone & Shale
240	260	Shale

REMARKS –

EVENING

Driller Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.

BIT NO. DC SIZE LENG.

BIT NO. DC SIZE LENG.

SERIAL NO. STANDS

SIZE SINGLES

TYPE DOWN ON KELLY

MAKE TOTAL DEPTH

MUD RECORD

Time	Wt.	Vis.

MUD, ADDITIVES USED AND RECEIVED

FROM	TO	TIME BREAKDOWN

REMARKS –

Drilled 6¾ Hole to 260
Logged 260

Cost Enter 30 to 35 ft.

SIGNED: Toolpusher D. K. McDonald Company Supervisor

Form 7-1 (Rev 9-77)

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet ____ of ____
Date. ____
By ____
File: ____

Standlind Gas Com #1 NE 16-30-8 1306 W 20138-19
Contract #2

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

MISC. MW		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_2S	5 17
28.01	N_2	4.16
2.02	H_2	3.38

Static 600' E = 0.77
10-2"X2"X48" Graphite Anodes
#

Set 22' of 8" PVC CASING. 20' of Loose GRAVEL
DRILLED TO 70' WATED 20' MIN BTW WATER.
30 - 35 GAL
PERFORATED 200' OF 1" PVC VENT PIPE
INSTALLED 260' OF 1" PVC VENT PIPE
SLURRYED 25 SACKS OF COKE

60 .8
1.0
70 1.0
1.2
80 1.3
1.3
90 2.1 (10)
2.3
100 2.3 (9)
2.3
10 2.3 (8)
2.3
20 2.0 (7)
1.8
30 2.0 (6)
1.8
40 1.1
1.0
50 1.1
1.2
60 1.0
1.1
70 1.1
1.0
80 1.2
1.2 (5)
90 1.7
2.2 (4)
200 2.1
1.6 (3)
10 1.0
1.1
20 1.9 (2)
2.1
30 1.6 (1)
1.6
40 1.6
2.1

50 2.1
60 +D

HDV 16A Rectifier
Stub Pole
Hole Depth = -240
Ditch & Cable = 366'
EXTRA CABLE = 65'

(0)	230	2.0	2.8
(2)	220	2.7	3.6
(3)	205	1.8	2.8
(4)	195	2.9	4.5
(5)	185	2.0	3.6
(6)	130	2.7	4.0
(7)	120	2.7	3.7
(8)	110	3.3	4.7
(9)	100	3.1	4.3
(10)	90	2.9	4.1

VOLTS = 10.8
AMPS = 15.7
OHMS = 0.69

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSIS

Analysis No. 1-9408 Date 12-12-78

Operator _____ Well Name STANOLIND GAS COM # 1 1306 W

Location NE 16-30-8 County _____ State NM

Field _____ Formation _____

Sampled From 1306W

Date Sampled _____ By _____

Tbg. Press. _____ Csg. Press. _____ Surface Csg. Press _____

	ppm	epm		ppm	epm
Sodium	2093	91	Chloride	166	5
Calcium	131	6	Bicarbonate	421	7
Magnesium	18	2	Sulfate	4200	87
Iron	PRESENT		Carbonate	0	0
H_2S	ABSENT		Hydroxide	0	0

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

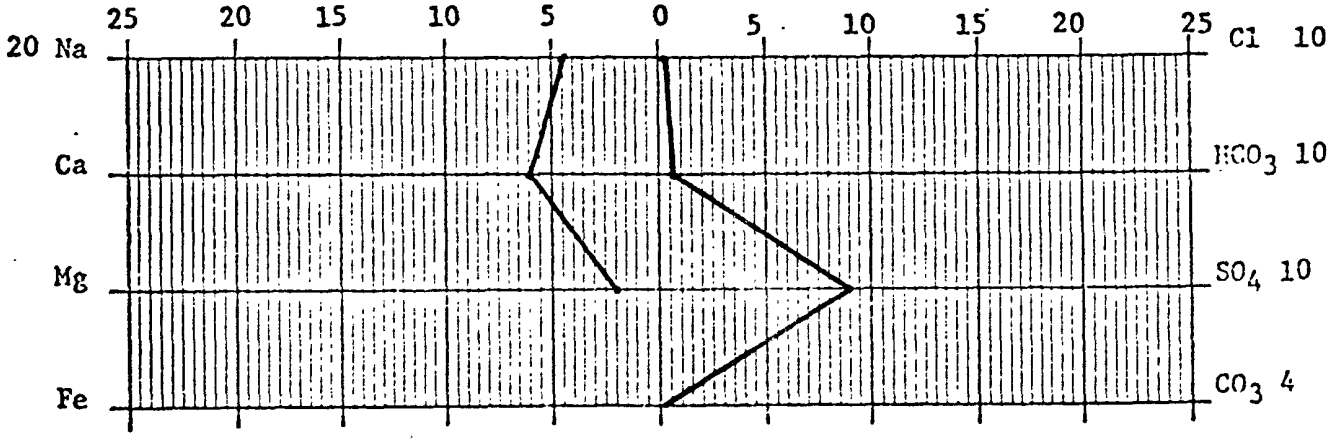
Total Solids Dissolved 5606

pH 7.9

Sp. Gr. 1.0062 at _____ 60°F

Resistivity 140 ohm-cm at 75 °F

Barnett Ellsbury
Chemist



Scale: epm