

1280

24-30-045-23696

E

3-30-045-21156

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. 17 Twp 28 Rng 8

Name of Well/Wells or Pipeline Serviced TAPP #2A, RIDDLE G #3

cps 1579w

Elevation 5767' Completion Date 9/18/81 Total Depth 420' Land Type* N/A

Casing, Sizes, Types & Depths 66' OF 8" STEEL CASING

If Casing is cemented, show amounts & types used BOTTOM OF CASING

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. 40' & 170' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 5040 lbs.

Depths anodes placed: 395', 385', 375', 325', 315', 305', 245', 235', 225', 215'

Depths vent pipes placed: 420'

Vent pipe perforations: 360'

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.

Drilling Log (Attach Hereto). ☐

(2" x 60" Durion)

Completion Date 9-18-81

Remarks: STATIC ON TAPP 2A, 600' S = .72 V Riddle G-3 HAS ROAD BOX. S.W.T.
(UNIONS CHECKED OK) PULLED 22' OF 8" CASING + RESET 66' OF 8" STEEL CASING
INSTALLED 420' OF 1" VENT PIPE, PERFORATED 360' OF VENT PIPE
SLURRYED 5040 LB OF COKE.

1 60V 30A Rect ✓
1 20' meter Pole ✓
Ditch + 1 cable - 441' ✓
EXTRA cable - 155' ✓
Hole Depth - 80' ✓

All Construction Completed

Willie Knight Jr
(Signature)

GROUND BED LAYOUT SKETCH

Pulled 22' of 8" casing
+ Reset 66' of 8" casing - 6hr ✓

9-16-81 34.2 ✓

9-17-81 3 hr ✓

6 sack of cement ✓

Time	Reg	O.T
9-18-81	8	✓
9-18-81	8	3 ✓

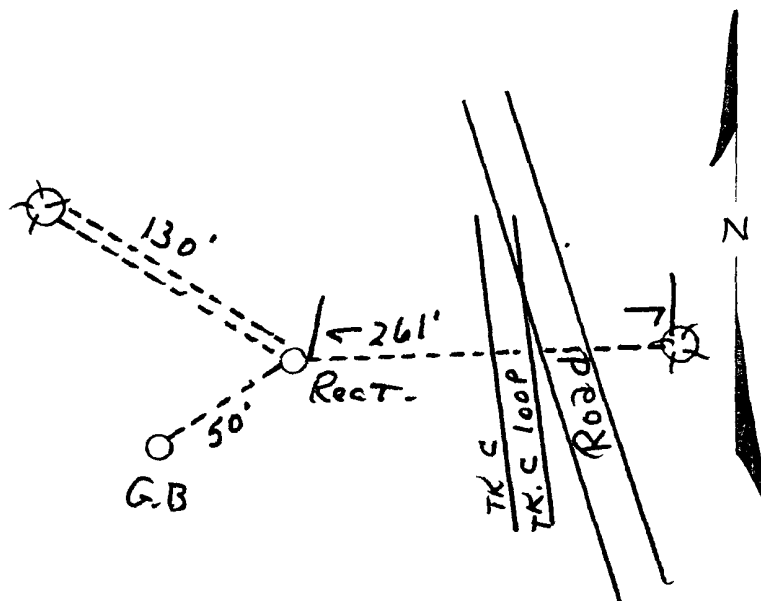
DISTRIBUTION:

WHITE - Division Corrosion Office

YELLOW - Area Corrosion Office

FINK - Originator File

5767



El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____

Date: _____

By: _____

File: _____

TAPP - 2A
Riddle - G 3

CPS 1579 W
SE 17-28-8

W.O. 57653-21-50-20
55272-21-50-20

1 60V 30A Rect
1 20' meter Pole
DITCH + 1 cable - 441'
EXTRA cable - 155'
Hole Depth - 80'

SET 66' of 8" steel casing
CEMENTED off AT BOTTOM.
WATER standing in casing
next A.M. AT 22' Driller
said HIT FIRST WATER AT

40' Approx. 5 gal./min. HIT
more WATER AT 170' APPROX.
20-30 gal./min.
Installed 420' of 1" VENT, Perforated
360' of VENT Pipe Slurried 5000/LB

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

80	1.80	30	2.80
85	1.70	35	2.90 ⑧
90	1.50	40	3.50
95	1.90	45	3.10 ⑦
100	1.40	50	2.60
05	1.50	55	2.00
10	1.40	60	1.60
15	1.30	65	1.30
20	1.40	70	1.50
25	1.60	75	2.40
30	1.60	80	2.30
35	2.10	85	1.30
40	2.70	90	1.80
45	1.50	95	1.20
50	1.50	100	3.10
55	1.50	05	3.20 ⑥
60	1.50	10	3.70
65	1.70	15	4.10 ⑤
70	1.60	20	3.70
75	1.50	25	3.10 ④
80	2.60	30	1.60
85	2.70	35	1.00
90	2.30	40	1.10
95	1.60	45	1.20
100	1.60	50	1.10
05	1.90	55	1.70
10	2.10	60	2.60
15	3.50 ⑩	65	2.30
20	3.40	70	2.30
25	3.20 ⑨	75	3.00 ③

80	3.50	of COKE
85	3.30 ②	
90	3.90	
95	3.20 ①	
100	2.60	
05	2.20	
10	1.80	
15	2.50	
20	2.50	TD
25		
30		
35		
40		
45		
50		

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

①	395	3.30	4.60
②	385	3.40	4.60
③	375	3.10	4.50
④	325	3.10	4.30
⑤	315	4.00	5.50
⑥	305	3.20	4.50
⑦	245	3.20	4.70
⑧	235	3.00	4.70
⑨	225	3.30	4.80
⑩	215	3.60	4.90

115 V
250 A
146 2

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

Analysis No. 1-10368 Date 10-8-81

Operator El Paso Natural Gas Well Name Tapp #2A - CPS 1579 W

Location SE 17-28-8 County San Juan State New Mexico

Field Blanco Formation _____

Sampled From 40 & 170'

Date Sampled 9-21-81 By Willis Knight

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

	ppm	epm		ppm	epm
Sodium	<u>1,633</u>	<u>71.0</u>	Chloride	<u>34</u>	<u>1.0</u>

Calcium	<u>142</u>	<u>7.1</u>	Bicarbonate	<u>51</u>	<u>0.8</u>
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Magnesium	<u>8</u>	<u>0.7</u>	Sulfate	<u>3,700</u>	<u>77.0</u>
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Iron	<u> </u>	<u> </u>	Carbonate	<u>0</u>	<u>0</u>
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H ₂ S	<u> </u>	<u> </u>	Hydroxide	<u>0</u>	<u>0</u>
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cc: R. A. Ullrich
E. R. Paulek
J. W. McCarthy
J. D. Evans
W. B. Shropshire
D. C. Adams
File

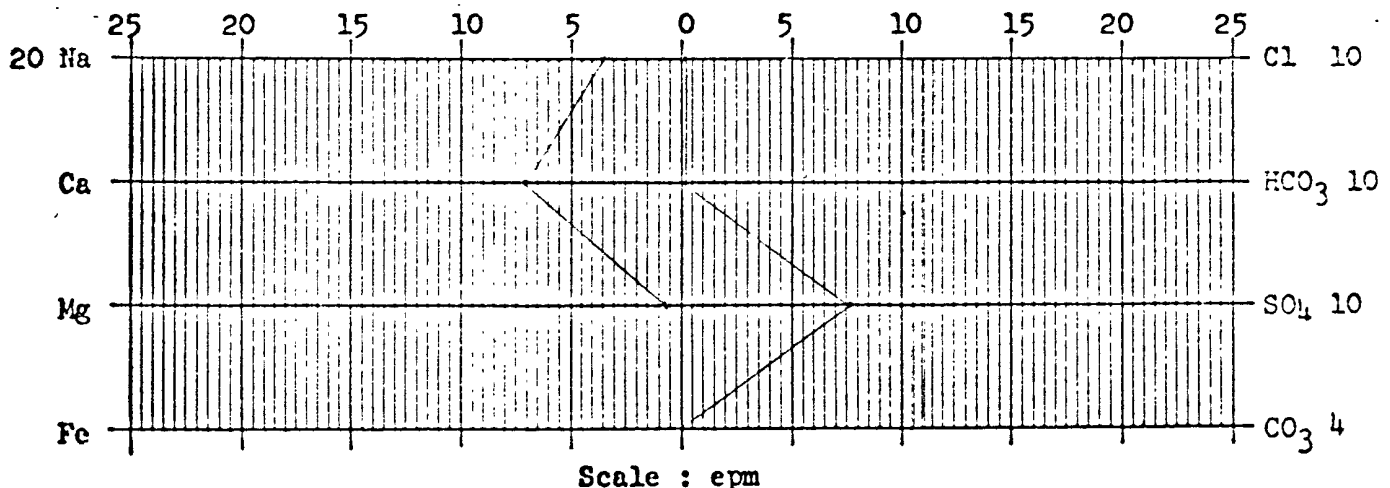
Total Solids Dissolved 6,116

pH 6.8

Sp. Gr. 1.0411 At 60°F

Resistivity 132 ohm-cm at 71°F

Dennis P. Bird
Chemist RZE



Tape #2A Riddle G#3

CPS 157914

LEASE

WELL NO.

CONTRACTORY

RIG NO.

REPORT NO.

DATE Aug 25 1981

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.	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.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.
S L NO.		STANDS		SERIAL NO.		STANDS		SERIAL NO.		STANDS		SERIAL NO.		STANDS		SERIAL NO.		STANDS	
SIZE		SINGLES		TYPE		DOWN ON KELLY		MAKE		TOTAL DEPTH		TYPE		DOWN ON KELLY		MAKE		TOTAL DEPTH	
TYPE		DOWN ON KELLY		MAKE		TOTAL DEPTH		TYPE		DOWN ON KELLY		MAKE		TOTAL DEPTH		TYPE		DOWN ON KELLY	
MAKE		TOTAL DEPTH		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		
Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN

REMARKS -	REMARKS -	REMARKS -
2 hrs setting casing	Poy 3 Hrs - Rig Time - O.H.S.	
3 hrs Standby	- F.W.T.	
Drilled 80 feet		

SIGNED: Toolpusher

Steve Hays

Company Supervisor

TAPP #2A & RIDDLE G #3

CPS # 1579-W

LEASE

WELL NO.

CONTRACTOR CPS

RIG NO.

REPORT NO.

DATE

9-18 1981

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.
BIT NO.		NO. DC SIZE LENG.			BIT NO.		NO. DC SIZE LENG.			BIT NO.		NO. DC SIZE LENG.		
S. 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		
0	65	SAND (SURFACE)			300	325	SHALE							
65	175	SAND			325	375	SAND							
175	190	SANDY SHALE			375	395	SHALE							
2	210	SAND			395	420	SAND							
210	245	SHALE												
245	300	SAND												
REMARKS -					REMARKS -					REMARKS -				
WATER @ 40' 5 GAL MIN.														
WATER @ 170' 25 GAL MIN.														
DRILLED 420' T.D. 420														
SET 66' OF SURFACE														
9-16-81 3HRS RIG TIME														
9-17-81 3HRS RIG TIME														

SIGNED: Toolpusher

Company Supervisor

Sam E. Mikhah