

1389 #111M 30-039-22400
#115 30-039-23074

E

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. 31 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #111M, #115

cps 1624w

Elevation 6288' Completion Date 8/11/81 Total Depth 565' 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. 160' - 170' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 6700 lbs.

Depths anodes placed: 520', 371', 364', 357', 350', 343', 296', 289', 282', 275'

Depths vent pipes placed: 556'

Vent pipe perforations: 406'

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) ☐

2 x 60 ANODES

Completion Date 8-11-81

Well Name SW 29-7-#111-M		Location NW 31-29-7		CPS No. 1624-W																																																																																									
Type & Size Bit Used 6 3/4				Work Order No. 57945-21																																																																																									
Anode Hole Depth 556'		Total Drilling Rig Time		Total Lbs. Coke Used 6700																																																																																									
1099ed 556'				Lost Circulation Mat'l Used																																																																																									
No. Sacks Mud Used																																																																																													
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Remarks: STATIC 600' 5 .91 F/L NOT 1/2" NO UNION
DRILLER SAID HIT WATER AT 160' TO 170' GOT SAMPLE. INSTALLED 556' OF 1" VENT PIPE, PERFORATED 406' OF VENT PIPE. STORRYED 6700 LBS OF COKE BREEZE. ANODE SPACED 7' APART. HAD TO CROWD ANODES TO HAVE ENOUGH ROOM FOR 10.

1 40V 16A RECT ✓
1 20' METER POLE ✓
DITCH + 1 CABLE - NONE ✓
EXTRA CABLE - NONE ✓
HOLE DEPTH + 56' ✓

All Construction Completed

Wills Light Jr.
(Signature)

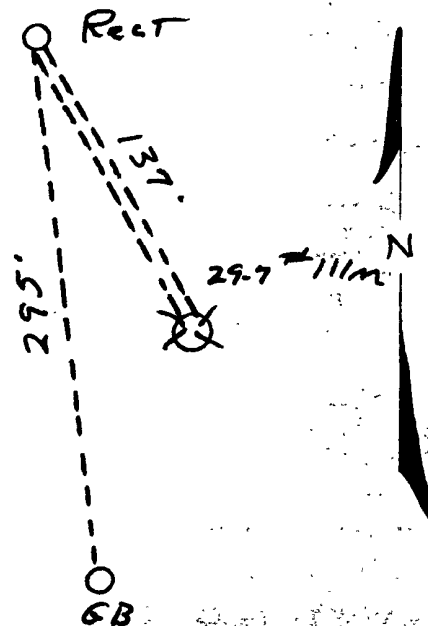
GROUND BED LAYOUT SKETCH

EPNG will Plow
cable

Time	Reg	O.T
8-11-81	8	3 ✓

DISTRIBUTION:

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



SJ 29-7 $\neq$ III-M
NW 31-29-7
CPS 1624-W

STATIC 600 S. 91
W/O 57945-21

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 ²⁻	9.64
42.08	C ₃ ²⁻	9.67

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

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1 20' METER POLE
DITCH + 1 Cable - NONE
EXTRA Cable - NONE
Hole Depth + 56'

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INSTALLED 556' OF 1" VENT PIPE
PERFORATED 406' OF VENT PIPE
SHURRED 6700 LBS OF COKE BR.
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[illegible]

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

Analysis No. 1-10317 Date 9-15-81

Operator El Paso Natural Gas Well Name San Juan 29-7 #111 M - CPS 1624W

Location NW 31-29-7 County San Juan State New Mexico

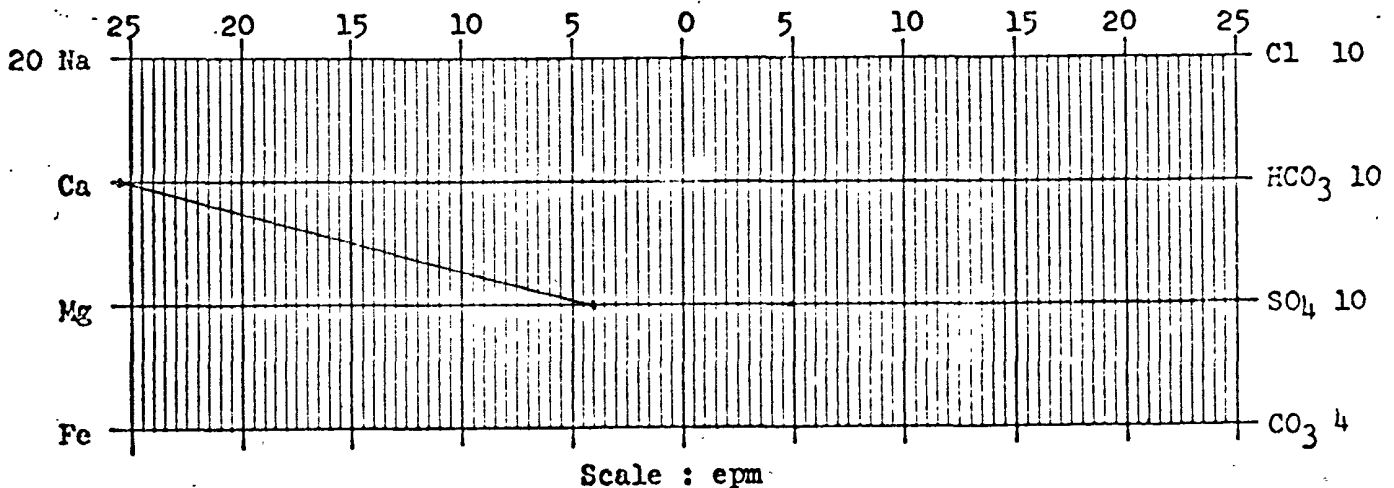
Field Blanco Formation _____

Sampled From 170'

Date Sampled 8-11-81 By Willie Knight

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

	dpm	epm		ppm	epm
Sodium	<u>Not Run</u>	_____	Chloride	<u>26</u>	<u>0.7</u>
Calcium	<u>516</u>	<u>25.8</u>	Bicarbonate	<u>Not Run</u>	_____
Magnesium	<u>49</u>	<u>4.0</u>	Sulfate	<u>2,400</u>	<u>49.9</u>
Iron	<u>0</u>	<u>0</u>	Carbonate	<u>0</u>	<u>0</u>
H ₂ S	_____	_____	Hydroxide	<u>0</u>	<u>0</u>
cc: R. A. Ullrich			Total Solids Dissolved <u>3,492</u>		
E. R. Paulek			pH <u>7.3</u>		
J. W. McCarthy			Sp. Gr. <u>0.9984</u> At <u>60°F</u>		
J. D. Evans			Resistivity <u>250</u> ohm-cm at <u>74 °F</u>		
W. B. Shropshire			Dennis P. Bird		
D. C. Adams			Chemist		
File			<i>JWS</i>		
* Not enough Sample For Complete Test					



DAILY DRILLING REPORT

ST 29-7th 111-M

CPS 1624-W

LEASE

WELL NO.

CONTRACTOR

RIG NO. 2

REPORT NO.

DATE Aug 11 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.	BIT NO.		NO. DC	SIZE	LENG.
S AL 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		

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
0	160	Sandy Shale	460	560	Sandy Shale			
160	180	Shale						
180	260	Shale						
260	360	Sandy Shale						
360	420	Shale						
420	460	Sandy Shale						

REMARKS -	REMARKS -	REMARKS -
Water 160 5 Gallon Min		
Drilled 565 TD - 556		

SIGNED: Toolpusher

Steve Tracy

Company Supervisor