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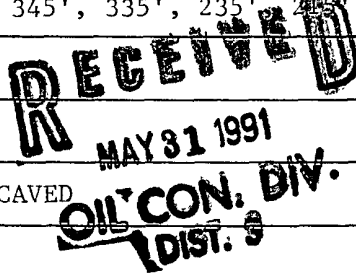
2-A 30-045- 22529

4 30-045- 23457

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

Operator TENNECO Location: Unit SE Sec. 32 Twp 31 Rng 9Name of Well/Wells or Pipeline Serviced WALKER COM #2A, #4

cps 1272w

Elevation 6322' Completion Date 6/15/78 Total Depth 500' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/AIf Cement or Bentonite Plugs have been placed, show depths & amounts used
N/ADepths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 110' - 145'Depths gas encountered: N/AType & amount of coke breeze used: N/ADepths anodes placed: 465', 455', 445', 430', 380', 345', 335', 235', 215', 205'Depths vent pipes placed: 485'Vent pipe perforations: 400'Remarks: gb #1 HOLE #1, 15'-CAVED. HOLE #2, 60'-CAVED

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 6-15-78

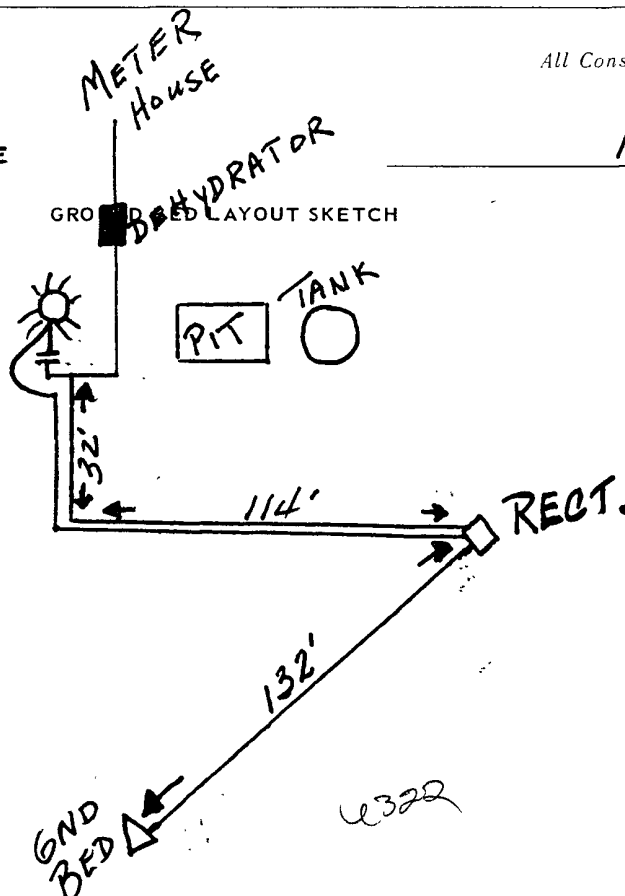
Well Name WALKER Com 2A		Location SE 32-31-9		CPS No. 1272 W	
Type & Size Bit Used 6 3/4"				Work Order No. 57227-21	
Anode Hole Depth 500 - 485' TD	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
1 465	2 455	3 445	4 430	5 380	6 345
7 335	8 235	9 215	10 205		
Anode Output (Amps)					
1 4.0	2 3.1	3 2.2	4 2.3	5 1.6	6 2.3
7 2.4	8 2.8	9 2.8	10 2.4		
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 9.5	Amps 9.5	Ohms 1.0			

Remarks: STATIC 600' NW = .84 DRILLED HOLE #1 - 15' - CAVED IN. DRILL
HOLE #2 SET 10' 8" PLASTIC PIPE HOLE CAVED AT 60' PULLED PIPE
MADED UP HOLE #3 AT GRASS ROOTS DRILLED TO 380 LOGED TO
375' DRILLED TO 500' LOGED TO 485' TD 485' 400' - 1" PER
FORATED VENT 85' 1" PLAIN VENT PIPE GOOD WATER SAND
FROM 110' TO 145'

DITCH + 1 WIRE = 278'
 EXTRA WIRE = 146'
 40/16 RECT + STUB POLE
 HOLE DEPTH = -15'

All Construction Completed

BT
 (Signature)



DISTRIBUTION:

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

DAILY DRILLING REPORT

LEASE		WELL NO. 127200		CONTRACTOR Casey		RIG NO.		REPORT NO.		DATE		19		
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.		
SERIAL 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	5			Surface	300	500			Sandy shale					
5	110			Shale bed										
110	170			Sandy shale										
170	205			Shale										
205	300													
REMARKS -					REMARKS -					REMARKS -				
										Drilled with mud No water sample				

SIGNED: Toolpusher

____ Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet 6-16-78
Date
By. BT
File

1272-W
WALKER Com #2A

STATIC 600' NW...
SE 32-31-9

DRILLED HOLE #2 - 15' - CAVED IN. MOVED HOLE #2
SET 10' 8" PLASTIC PIPE. HOLE CAVED PULLED PIPE.
MOVED TO HOLE #3 MUDDED UP AT GRASS ROOTS. DRILLED
TO 380' LOGGED TO 375'. DRILLED TO 500' LOGGED TO 485'
TD 485' HOLE - 15' 500'-1" PERF VENT 485'-1" PLAIN VENT.

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

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

LOGGED 6-15-78			LOGGED 6-16-78			LOGGED 6-15-78			LOGGED 6-16-78			LOGGED 6-15-78			LOGGED 6-16-78		
100'	.4	.4	30	1.6	1.7	60	1.0	1.2	9								
	1.6	1.4		1.5	1.6		1.0	1.0	20.0								
10	1.4	1.6	40	.9	1.0	70	.9	1.0	1.8								
	.3	.4		.9	.9		.9	.9	301.8								
20	.3	.4	50	.9	.9	80	.9	1.4	1.6								
	.3	.4		.6	.6			1.1	401.6								
30	.4	.4	60	.4	.4	90		1.0	-1.6								
	.4	.4		.8	.8			1.0	501.4								
40	.4	.4	70	.9	.9	400'		1.1	-1.9								
	.8	.9		.8	.8			.9	602.3								
50	1.0	1.2	80	.8	.8	10		.9	-2.5								
	1.8	1.9		.8	.9			.9	702.4								
60	1.9	2.0	90	.6	.7	①	465'	-2.8	-4.0								
	1.9	1.9		.4	.4	②	455'	-2.0	-3.1								
70	2.0	2.1	300'	.2	.3	③	445'	-1.6	-2.2								
	2.0	2.0		.1	.2	④	430'	-1.8	-2.3								
80	1.6	1.6	10	.2	.3	⑤	380'	-1.0	-1.6								
	1.4	1.4		.6	.6	⑥	375'	-1.4	-2.3								
90	1.0	1.0	20	.6	.6	⑦	335'	-1.6	-2.4								
	.8	.9		.8	.8	⑧	285'	-1.8	-2.8								
200'	.8	.9	30	1.6	1.6	⑨	215'	-2.0	-2.8								
	1.4	1.4		1.4	1.5	⑩	205'	-1.8	-2.4								
10	1.6	1.6	40	1.4	1.5												
	1.6	1.6		1.4	1.5												
20	1.8	1.6	50	1.2	1.2												

9.5 ✓

9.5A = 1.0