

1136

#51 30-045-23133^E

#117 30-045-27206

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

Operator MERIDIAN OIL Location: Unit SW Sec. 21 Twp 32 Rng 6Name of Well/Wells or Pipeline Serviced ALLISON UNIT #51, #117

cps 1777w

Elevation 6482' Completion Date 9/12/82 Total Depth 400' 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. 60' SAMPLE TAKENDepths gas encountered: N/AType & amount of coke breeze used: N/ADepths anodes placed: 335', 320', 275', 265', 255', 245', 235', 225', 215', 200'Depths vent pipes placed: 400'Vent pipe perforations: BOTTOM 340'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 9-12-85

CPS #		Well Name, Line or Plant: <u>#117</u>		Work Order #		Static: <u>600'w = .76</u>		Ins. Union Check ☒ Good ☐ Bad																																																																																																									
Location: <u>SW21-32-6</u>		Anode Size: <u>2" x 60"</u>		Anode Type: <u>Duriron</u>		Size Bit: <u>6 3/4</u>																																																																																																											
Depth Drilled: <u>400</u>		Depth Logged: <u>396</u>		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used																																																																																																									
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Remarks: Drilled to 140' 9-10-85 hit WATER AT 60'. WATER
STANDING IN hole 9-12-85, CAUGHT SAMPLE DRILLED TO 400'
LOGGED . INSTALLED 400' of 1" PVC VENT PIPE, PERFORATE
BOTTOM 340' of VENT PIPE
Reg. HRS. 10

OT. HRS. 1Rectifier Size: 40 V 16 A

Addn'l Depth

Depth Credit: 104' x 3.00 = *312.00Extra Cable: 170' x 0.37 = 62.90Ditch & 1 Cable: 215' x 1.35 = 290.25

25' Meter Pole:

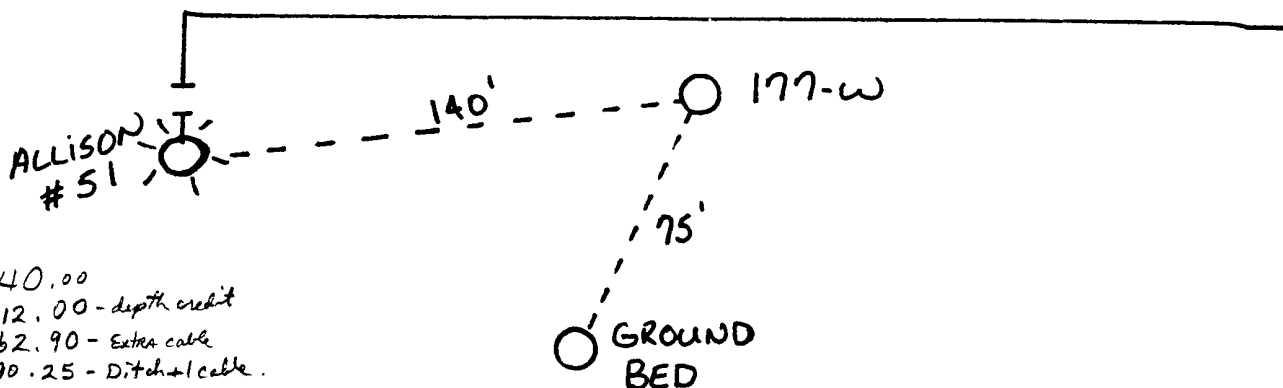
20' Meter Pole: 1

10' Stub Pole:

All Construction Completed

Moh OR Williams
(Signature)

GROUND BED LAYOUT SKETCH



* 4740.00
 - 312.00 - depth credit
 62.90 - Extra cable
 290.25 - Ditch + 1 cable

300.00
 900.00
 500.00

* 6481.15

6482

C.P.S 1777-W S.W. 21-32-6

DATE 8/2/85 19

[illegible]

SIGNED: Toolpusher

Company Supervisor

TOTAL VOLTS: 9.21 TOTAL AMPS: 16.4 OHMS RESISTANCE: 74

ANODE HEADINGS		ANODE NO.									
LOG ANODE	DEEP ANODE	LOG ANODE	DEEP ANODE	LOG ANODE	DEEP ANODE	LOG ANODE	DEEP ANODE	LOG ANODE	DEEP ANODE	LOG ANODE	DEEP ANODE
3.3	3.3	1	335	8	365	7	545	1	335	8	365
3.3	3.3	2	320	8	370	7	550	2	320	8	370
2.8	2.8	3	275	8	375	7	555	3	275	8	375
3.5	3.5	4	265	1.0	380	8	560	4	265	1.0	380
3.0	3.0	5	255	9	385	8	565	5	255	9	385
3.2	3.2	6	245	1.4	390	9	570	6	245	1.4	390
3.6	3.6	7	235	9	395	1.0	575	7	235	9	395
3.3	3.3	8	225	1.1	400	8	580	8	225	1.1	400
3.6	3.6	9	215	9	405	8	585	9	215	9	405
3.4	3.4	10	200	1.0	410	1.0	590	10	200	1.0	410
							595				
							600				
							605				
							610				
							615				
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							695				
							700				
							705				
							710				
							715				
							720				

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

ANALYSIS NO. 1, 1-11789 DATE: NOVEMBER 5, 1985
OPERATOR: MERIDIAN OIL WELL NAME: ALLISON #51 CPS #177W
LOCATION: N-21-32-6 COUNTY RIO ARriba STATE: NM
FIELD: FORMATION: SURFACE WATER
SAMPLED FROM: GROUND BED
DATE SAMPLED: OCTOBER 1985 SECURED BY:
TUBING PRESSURE: CASING PRESSURE:
SURFACE CASING PRESSURE:

	SAMPLE SIZE	ml	TIT	AS CaCO ₃	AS ION	epm
TOTAL ALKALINITY	50		6.7	134		
P ALKALINITY	50		0	0		
BICARBONATE	50		4.7	134	163	2.68
CARBONATE	50		0	0	0	0.00
CHLORIDE	50		18.9		378	10.66
SULFATE					302	6.28
TOTAL HARDNESS	50		7.2	144		
CALCIUM	50		6.6	132	53	2.64
MAGNESIUM	50		.6	12	3	0.24
IRON					ABSENT	
SODIUM (CALCULATED)					385	16.74
H ₂ S					ABSENT	
HYDROCARBONS					ABSENT	
TOTAL DISSOLVED SOLIDS					1178	
pH					7.6	
SPECIFIC GRAVITY				9864 @ 60F		
RESISTIVITY				476 OHM-CM AT		
CONDUCTIVITY				2100 MICROMHOS @ 25C.		

ALL RESULTS EXPRESSED IN PARTS PER MILLION-TRACE IS LESS THAN 0.1 ppm

CC: R. A. ULLRICH
J. D. EVANS
D. C. ADAMS
W. F. LORETT

JOHN L. MOULTON
S. C. KARDOS
FILE

SANDRA ARAGON

CHEMIST

