1140

E

30-045-21327

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 32 Rng 6

Name of Well/Wells or Pipeline Serviced ALLISON UNIT #38

cps 1773w

Elevation 6548' Completion Date 9/17/85 Total Depth 400' 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. 150' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 375', 365', 355', 345', 335', 325', 315', 305', 295', 170'

Depths vent pipes placed: 400'

Vent pipe perforations: BOTTOM 250'

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.

FM 07-0232 (Rev. 6-82)

WELL CASING

CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

Drilling Log (Attach Hereto). ☑

Completion Date 9-17-85

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins Union Check
1773-W	ALLISON #38		600'SW = .76	☑ Good ☐ Bad

Location	Anode Size:	Anode Type	Size Bit.
SE17-32-6	2" X 60"	Duriron	6 3/4

Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
400'	393'				

	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
Anode Depth	375	365	355	345	335	325	315	305	295	17(
Anode Output (Amps)	2.8	3.0	2.9	2.7	2.6	26	3.0	2.8	2.5	3.(
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 12.5	Amps 14.9	Ohms .83		

Remarks: DRILLED TO 220' 9-13-85, HIT WATER AT 150', CAUGHT SAMPLE. DRILLED TO 400' 9-17-85 LOGGED 393'. INSTALLED 400' of 1" PVC VENT pipe, PERFORATED BOTTOM 250' of VENT pipe

REG. HRS 8

OT. HRS 3

Rectifier Size: 40 V 16 A

Addn'l Depth

Depth Credit: 107' x 3.00 = 321.00

Extra Cable: 45 x .37 = 53.65

Ditch & 1 Cable: 285' x 1.35 = 384.75

25 'Meter Pole:

20' Meter Pole: 1

10' Stub Pole:

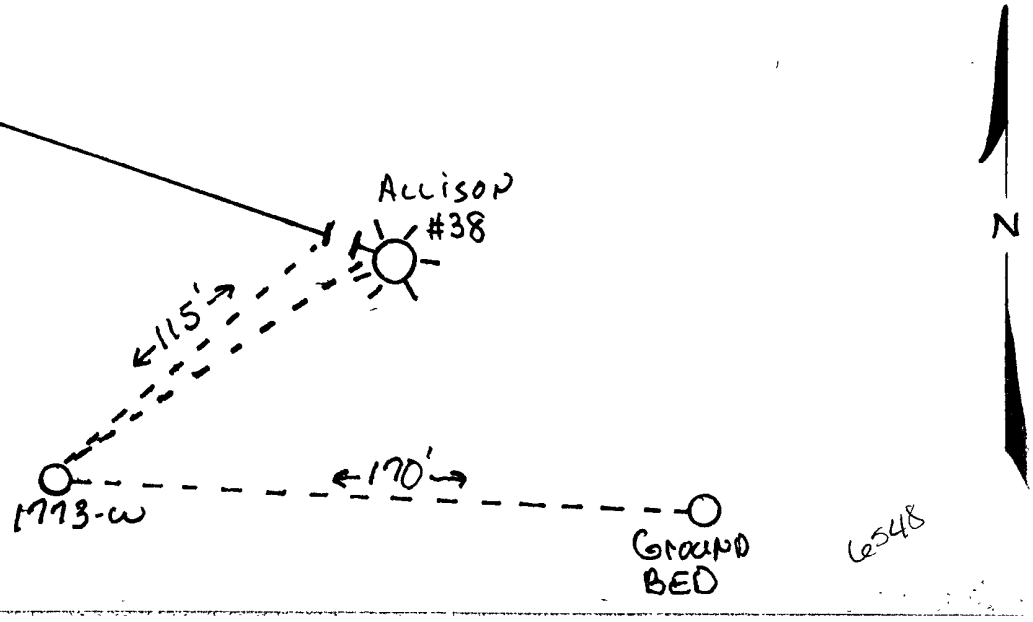
All Construction Completed

Michael R. Williams

(Signature)

GROUND BED LAYOUT SKETCH

$4740.00
- 321.00 - depth credit
53.65 - extra cable
384.75 - ditch & 1 cable
300.00
500.00
900.00
$6557.40



6548

Form 22-2 (Rev. 5-79)

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

C.P.S 1223-W SE/4-32-6

DAILY DRILLING REPORT

LEASE Allison Unit WELL NO. # 38 CONTRACTOR RIG NO. REPORT NO. DATE 9/17/85 19

MORNING					DAYLIGHT					EVENING				
Driller Tim C Riffel Total Men In Crew 4					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.

	NO. DC SIZE LENG.		NO. DC SIZE LENG.		NO. DC SIZE LENG.
E D.	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

REMARKS –

0-20 SAND STONE / SANDY BROWN SHALE
20-140 GRAY / BLUE SHALE
140-160 SAND STONE / WATER SAND ((WATER))
160-330 BLUE SHALE
330-360 SANDY BLUE SHALE
360-400 BLUE SHALE

T.D. 393

REMARKS –

REMARKS –

SIGNED: Toolpusher Tim C Riffel Company Supervisor

EL PASO NATURAL GAS COMPANY

CONSTRUCTION LOGGING READINGS

CPS #: 1773-CW WELL NAME: ALLISON #38 LOCATION: SE 17-32-6 DATE: 9-17-85

TOTAL VOLTS: 12.5 TOTAL AMPS: 14.9 OHMS RESISTANCE: .83

DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE No.	DEEP	LOG ANODE	ANODE No.
5			185	.8		365	1.5	②	545		
10			190	.7		370	1.2		550		
15			195	.8		375	1.3	①	555		
20			200	.7		380	1.3		560		
25			205	.5		385	1.5		565		
30			210	.8		390	1.5		570		
35			215	.8		395	1.5		575		
40			220	.7		400			580		
45			225	.8		405			585		
50			230	.7		410			590		
55			235	.7		415			595		
60			240	.8		420			600		
65			245	.5		425			605		
70			250	.7		430			610		
75			255	.7		435			615		
80			260	.7		440			620		
85			265	.5		445			625		
90			270	.7		450			630		
95			275	.7		455			635		
100	.8		280	.7		460			640		
105	.7		285	.6		465			645		
110	.7		290	.7		470			650		
115	.7		295	.9	⑨	475			655		
120	.5		300	1.0		480			660		
125	.8		305	1.2	⑧	485			665		
130	.7		310	1.3		490			670		
135	.4		315	1.3	⑦	495			675		
140	.2		320	1.2		500			680		
145	.3		325	1.0	⑥	505			685		
150	1.3		330	1.2		510			690		
155	1.0		335	1.4	⑤	515			695		
160	1.1		340	1.4		520			700		
165	1.0		345	1.5	④	525			705		
170	1.2	⑩	350	1.6		530			710		
175	1.1		355	1.4	③	535			715		
180	.9		360	1.6		540			720		

ANODE READINGS

NO.	DEPTH	NO COKE	WITH COKE
①	315	1.3	2.8
②	365	1.5	3.0
③	355	1.5	2.9
④	345	1.4	2.7
⑤	335	1.4	2.6
⑥	325	1.1	2.6
⑦	315	1.3	3.0
⑧	305	1.2	2.8
⑨	295	1.1	2.5
⑩	170	1.3	3.2

REMARKS: DRILLED TO 220' 9-13-85 HIT WATER AT 150'
DRILLED OUT TO 400' 9-17-85 LOGGED 393' INSTALLED
400' of 1" PVC VENT PIPE, ~~PERFORATED~~ PERFORATED BOTTOM
50' of VENT PIPE

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

ANALYSIS NO.: 1-11780 DATE: NOVEMBER 5, 1985
OPERATOR: MERIDIAN OIL WELL NAME: ALLISON #38 CPS #2773A
LOCATION: D-17-32-6 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. T/T	AS CaCO3	AS ION	epm
TOTAL ALKALINITY	50	13.6	272		
P ALKALINITY	50	0	0		
BICARBONATE	50	13.6	272	332	5.44
CARBONATE	50	0	0	0	0.00
CHLORIDE	50	2.3		46	1.30
SULFATE				409	8.51
TOTAL HARDNESS	50	2	40		
CALCIUM	50	2	40	16	0.80
MAGNESIUM	50	0	0	0	0.00
IRON				ABSENT	
SODIUM (CALCULATED)				332	14.45
H2S				ABSENT	
HYDROCARBONS				ABSENT	
TOTAL DISSOLVED SOLIDS				882	
pH				7.9	
SPECIFIC GRAVITY		7814/81 60F			
RESISTIVITY			714 OHM-CM AT		
CONDUCTIVITY			1400 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
P. T. WILLIAMS
G. E. KARDOS
FILE

SANDRA ARAGON
CHEMIST