1337 #9 30-045-11431 E

#104 30-045-26888

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

Operator MERIDIAN OIL Location: Unit NE Sec. 13 Twp 32 Rng 7

Name of Well/Wells or Pipeline Serviced ALLISON UNIT #9, #104

cps 1656w

Elevation 6478' Completion Date 8/19/83 Total Depth 320' 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. 120' - 135' TOO MUDDY 250' - 255'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 311', 304', 292', 284', 277', 271', 261', 253', 244', 237'

Depths vent pipes placed: 320'

Vent pipe perforations: 120'

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-07-0238 (Rev. 10-82)

WELL CASING

CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

Drilling Log (Attach Hereto) ☐ Completion Date 8/19/83

CPS # 1656W Well Name, Line or Plant ALLISON #9 Work Order # 52630-19 Static: (1988) Ins. Union Check

#104 ☑ Good ☐ Bad REPAIRED

Location	Anode Size	Anode Type	Size Bit
NE13-32-7	2"x 60"	2" DURIRON	6 3/4"

Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
320'	320'			NONE	NONE

	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
Anode Depth	311	304	292	284	277	271	261	253	244	237
Anode Output (Amps)	2.33	2.53	3.03	2.83	2.53	2.57	2.65	2.20	1.94	2.15

	# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20
Anode Depth										
Anode Output (Amps)										

Total Circuit Resistance			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 12.48	Amps 10.50	Ohms 1.18		

Remarks: Water 120-135 (2-3 gpm min) Started injection TIME at 140' Water sample was to muddy. Buried up-more water at 250-255. Keyed to 320 drilled to 320' 320' Vent pipe 12.0' perforated. Bumped all anodes & buried up 2'.

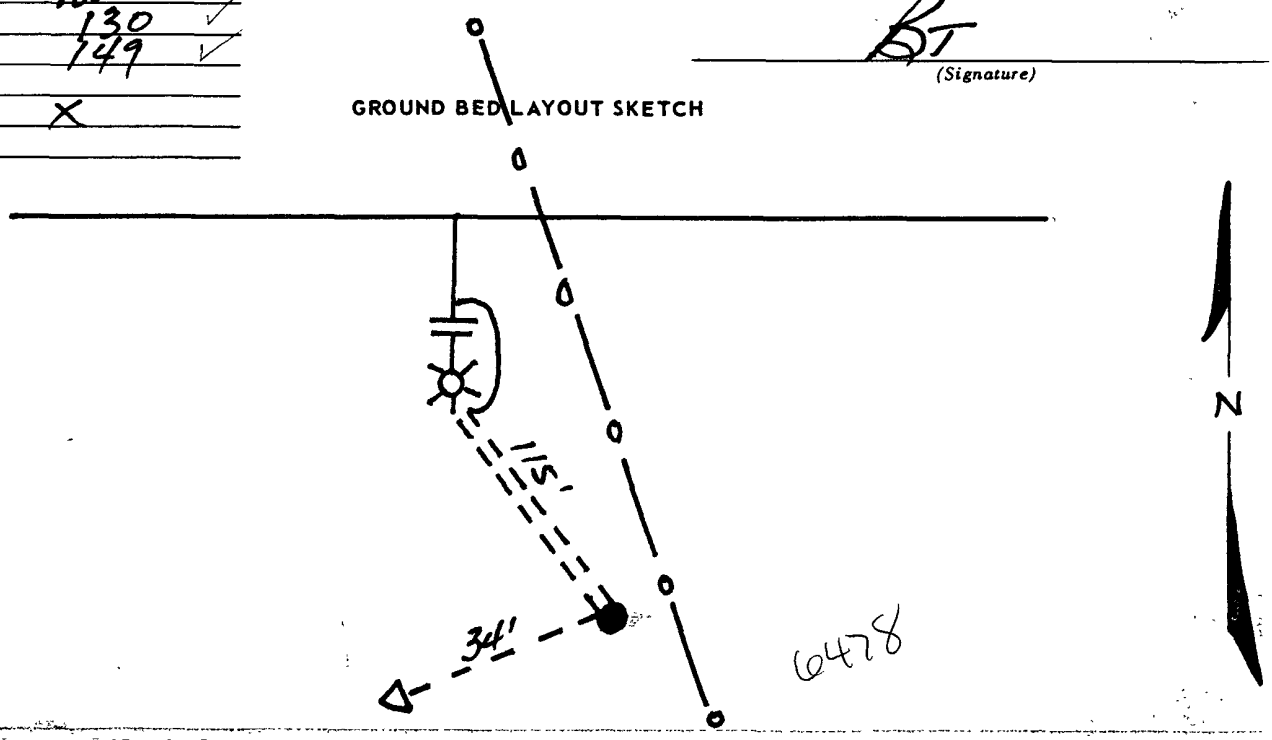
DATE	OT	REG
8/18		8
8/19	2	8

Rectifier Size: 40 V 16 A
Addn'l Depth
Depth Credit: 180' ✓
Extra Cable: 130 ✓
Ditch & 1 Cable: 149 ✓
25'Meter Pole:
20' Meter Pole: X
10' Stub Pole:

All Construction Completed

BT
(Signature)

GROUND BED LAYOUT SKETCH



6478

Form 22-2 (Rev. 5-79)

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE Allison #1 WELL NO. #9 CONTRACTOR SK Drilling RIG NO. 3 REPORT NO. 1656 DATE 8-18 19 83

MORNING

Driller _____ Total Men In Crew _____

FROM	TO	FORMATION	WT-BIT	R.P.M.

BIT NO. _____ NO. DC ____ SIZE ____ LENG. ____

SERIAL NO. _____ NO. DC ____ SIZE ____ LENG. ____

SIZE _____ STANDS _____

TYPE _____ SINGLES _____

MAKE _____ DOWN ON KELLY _____

TOTAL DEPTH _____

MUD RECORD			MUD, ADDITIVES USED AND RECEIVED
Time	Wt.	Vis.	

FROM	TO	TIME BREAKDOWN

REMARKS –

DAYLIGHT

Driller Billy Sanders Total Men In Crew 3

FROM	TO	FORMATION	WT-BIT	R.P.M.
0	220	Sand & Shale	6 3/4	
220	320	Shale		

BIT NO. _____ NO. DC ____ SIZE ____ LENG. ____

SERIAL NO. _____ NO. DC ____ SIZE ____ LENG. ____

SIZE _____ STANDS _____

TYPE _____ SINGLES _____

MAKE _____ DOWN ON KELLY _____

TOTAL DEPTH _____

MUD RECORD			MUD, ADDITIVES USED AND RECEIVED
Time	Wt.	Vis.	

FROM	TO	TIME BREAKDOWN
1:30	5:30	chain in Transpher case

REMARKS –

10' water sand 115 to 125
making water 250 to 253

EVENING

Driller _____ Total Men In Crew _____

FROM	TO	FORMATION	WT-BIT	R.P.M.

BIT NO. _____ NO. DC ____ SIZE ____ LENG. ____

SERIAL NO. _____ NO. DC ____ SIZE ____ LENG. ____

SIZE _____ STANDS _____

TYPE _____ SINGLES _____

MAKE _____ DOWN ON KELLY _____

TOTAL DEPTH _____

MUD RECORD			MUD, ADDITIVES USED AND RECEIVED
Time	Wt.	Vis.	

FROM	TO	TIME BREAKDOWN

REMARKS –

SIGNED: Toolpusher Billy Sanders Company Supervisor David Ashworth

1656W

NE13-32-7

ALLISON UNIT #9 #52630-19-50-20-6

WATER 120-135' (2703 GAL MIN) STARTED INJECTION AT 140
UNION SHORTED. WATER SAMPLE WAS TO MUDIE.
PICKED UP MORE WATER 250-255' LOGED TO 320'
320' 1" VENT PIPE 120' PERFORATED. DRILLED 320'
BUMPED ALL ANODES & PICKED UP 2'

100	80	58 73	55	69 85 253' (8)	30	1 = 2.33	
5	85	58 72	60	77 95	35	2 = 2.53	
10	90	56 69	65	85 1.03 261' (9)	40	3 = 3.03	
15	95	58 72	70	83 1.03	45	4 = 2.82	
20	200	57 70	75	89 1.11 271' (6)	50	5 = 2.53	
25	5	58 71	80	87 1.11 277' (5)	55	6 = 2.57	
30	10	54 66	85	87 1.11 284' (4)	60	7 = 2.65	
35	15	60 70	90	83 1.10	65	8 = 2.20	
40	20	62 76	95	82 1.09 292' (3)	70	9 = 1.94	
45	25	58 71	300	74 97 (2)	75	10 = 2.15	
50 67	30	58 72	5	70 90 304'	80	Amps 10.50	
55 59	35	56 71	10	70 90	85	Volts 12.48	
60 60	40	52 66 237' (10)	15	89 1.20 314' (1)	90	Ohms = 1.18	
65 61 73	45	56 70 244' (9)	20	Bottom	95		
70 60 72	50	61 76	25		400		
75 61 73							

1=.92 2=.96 3=1.04 4=1.09 5=1.06
6=.88 7=.92 8=.80 9=.71 10=.73