

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. J
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 8/19/83CPS # 1656W Well Name, Line or Plant: ALLISON #9 Work Order: 52630-19 Static: (148B) Ins Union Check SHADE

#104						☒ Good ☐ Bad REPAIRED	
Location <u>NE13-32-7</u>		Anode Size <u>2" x 60"</u>		Anode Type <u>2" DUREIRON</u>		Size Bit <u>6 3/4"</u>	
Depth Drilled <u>320'</u>		Depth Logged <u>320'</u>		Drilling Rig Time		Lost Circulation Mat'l Used <u>NONE</u>	
Anode Depth		Anode Output (Amps)		Anode Depth		Anode Output (Amps)	
#1 <u>2311</u>	#2 <u>304</u>	#3 <u>292</u>	#4 <u>284</u>	#5 <u>277</u>	#6 <u>271</u>	#7 <u>261</u>	#8 <u>253</u>
#9 <u>244</u>	#10 <u>237</u>	#11	#12	#13	#14	#15	#16
#17	#18	#19	#20	Total Circuit Resistance			
Volts <u>12.48</u>				Amps <u>10.50</u>			
Ohms <u>1.18</u>				No. 8 C.P. Cable Used			
				No. 2 C.P. Cable Used			

Remarks: Water 120-135 (2-3 gal/min) Started injection TIMEat 140' Water sample was to muddy.Perched up more water at 250-255.Logged to 320 drilled to 320'320' vent pipe 120' perforated.Bumped all anodes & perched up 2'.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

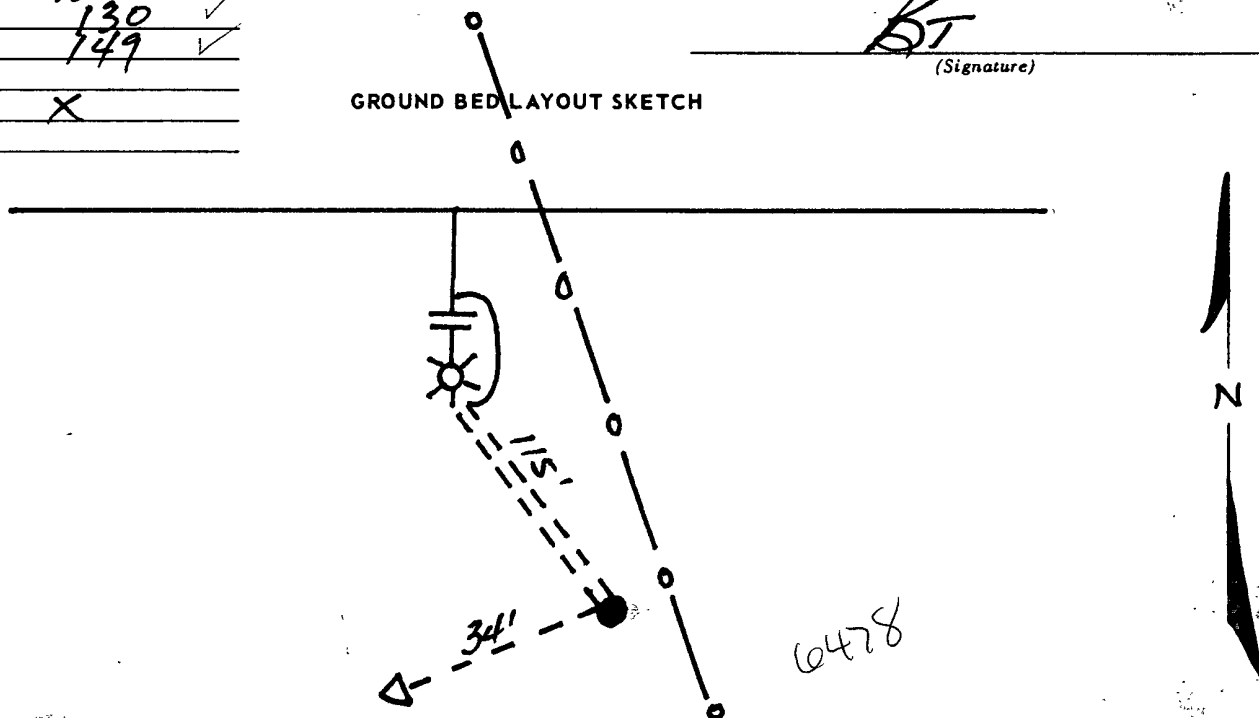
10' Stub Pole:

All Construction Completed

BT

(Signature)

GROUND BED LAYOUT SKETCH



LEASE <i>Allison #</i>	WELL NO. <i># 9</i>	CONTRACTOR <i>SK Drilling</i>	RIG NO. <i>3</i>	REPORT NO. <i>1656</i>	DATE <i>8-18</i>	19 <i>83</i>
					EVENING	
					DAYLIGHT	
					MORNING	

[illegible]

1656U

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' Logged To 320'
 320' 1" lean pipe 120' Re-created. Drilled 320'.

Bumped All Anodes & Picked up 2'

100	80	58	73	55	69	253' ⑧ 85	30	1 = 2.33
5	85	58	72	60	77	95 261' ⑦	35	2 = 2.53
10	90	56	69	65	85	1.03	40	3 = 3.03
15	95	58	72	70	83	1.03 271' ⑥	45	4 = 2.83
20	200	57	70	75	89	1.11 277' ⑤	50	5 = 2.53
25	5	58	71	80	87	1.11 284' ④	55	6 = 2.57
30	10	54	66	85	87	1.11	60	7 = 2.65
35	15	60	70	90	83	1.10 292' ③	65	8 = 2.20
40	20	62	76	95	82	1.09	70	9 = 1.94
45	25	58	71	300	74	97 304' ②	75	10 = 2.15
50	167	30	58	72	5	70 90	80	Amps 10.50
55	59	35	56	71 237' ①	10	70 90	85	Volts 12.48
60	60	40	52	66	15	89 1.22 54' ①	90	OHMS = 1.18
65	61	73	45	56 74' ⑦	20	Bottom	95	
70	60	72	50	61	76	25	400	
75	61	73						

1 = 92

2 = 96

3 = 104

4 = 1.09

5 = 1.06

6 = 88

7 = 92

8 = 80

9 = 71

10 = 13