

1362 #27 30-045-11576
#120 30-045-27207

E

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. 30 Twp 32 Rng 6

Name of Well/Wells or Pipeline Serviced ALLISON UNIT #27, #120

cps 1670w

Elevation 6406' Completion Date 8/19/83 Total Depth 500' 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. 220' SAMPLE TAKEN

Depths gas encountered: N/A

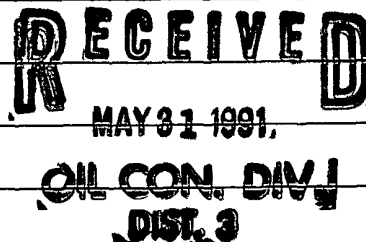
Type & amount of coke breeze used: N/A

Depths anodes placed: 430', 410', 390', 375', 360', 340', 325', 310', 295', 280'

Depths vent pipes placed: 500'

Vent pipe perforations: 300'

Remarks: gb #1



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 # 1670W Well Name, Line or Plant ALLISON #27 Work Order 54379-19-80-20 .74 Ins. Union Check

Location: <u>NE 30-32-6</u>		Anode Size: <u>2" x 60"</u>		Anode Type: <u>DURIRON</u>		Size Bit: <u>6 3/4"</u>		☒ Good ☐ Bad	
Depth Drilled: <u>500</u>	Depth Logged: <u>450</u>	Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used		No. Sacks Mud Used	
Anode Depth # 1 <u>430</u> # 2 <u>410</u> # 3 <u>390</u> # 4 <u>375</u> # 5 <u>360</u> # 6 <u>340</u> # 7 <u>325</u> # 8 <u>310</u> # 9 <u>295</u> # 10 <u>280</u> Anode Output (Amps) # 1 <u>244</u> # 2 <u>273</u> # 3 <u>229</u> # 4 <u>236</u> # 5 <u>305</u> # 6 <u>253</u> # 7 <u>280</u> # 8 <u>337</u> # 9 <u>348</u> # 10 <u>281</u> 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 Volts <u>12.0</u> Amps <u>14.5</u> Ohms <u>.82</u>									
No. 8 C.P. Cable Used						No. 2 C.P. Cable Used			

Remarks: Small water at 220' Good water at 360' to 370' 1 m E

DATE	OT	REG
<u>Spilled to 500' logged 450' set overnight</u>		
<u>static water at 270'</u>	<u>8/22</u>	<u>7</u>
<u>200' plain vent pipe balance</u>	<u>8/23</u>	<u>2</u>
<u>perforated.</u>		

Rectifier Size: 40 V 16 A

Addn'l Depth: _____

Depth Credit: _____

Extra Cable: 167' ☒Ditch & 1 Cable: 214' ☒

25' Meter Pole: _____

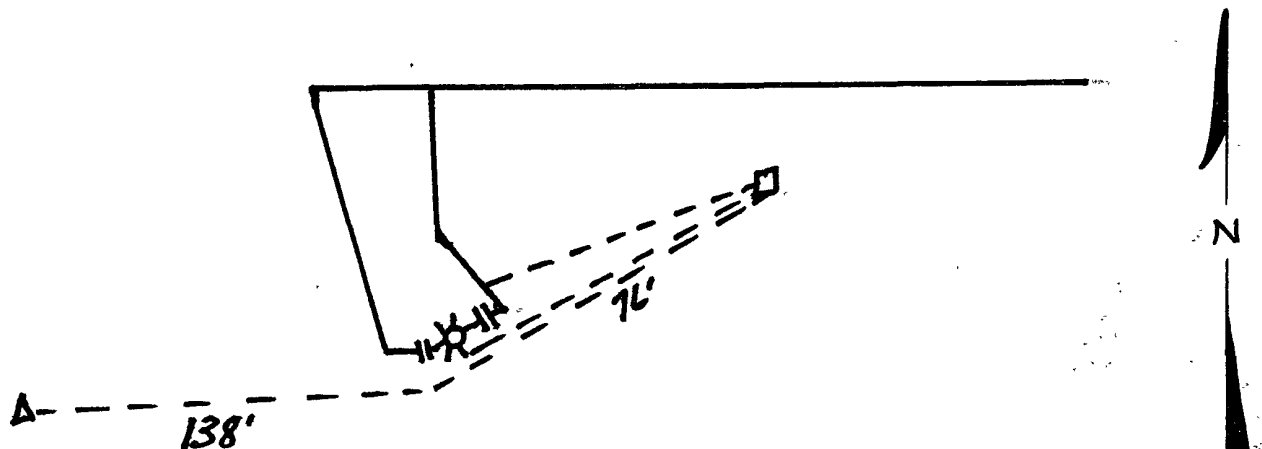
20' Meter Pole: X ☒

10' Stub Pole: _____

All Construction Completed

BT
(Signature)

GROUND BED LAYOUT SKETCH



DAILY DRILLING REPORT

LEASE Allison WELL NO. 27 CONTRACTOR SK Drilling RIG NO. 3 REPORT NO. 1670 DATE 8-19 19 83

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.
					0	200	SAND & SHALE 3/4							
					200	370	SHALE, STICKY							
					370	500	SHALE							

	NO. DC ____ SIZE ____ LENG. ____		NO. DC ____ SIZE ____ LENG. ____		NO. DC ____ SIZE ____ LENG. ____
BIT NO.	NO. DC ____ SIZE ____ LENG. ____	BIT NO.	NO. DC ____ SIZE ____ LENG. ____	BIT NO.	NO. DC ____ SIZE ____ LENG. ____
SE - 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

[illegible][illegible][illegible]

SIGNED: Toolpusher

Company Supervisor

1670W
NE 30-32-6

ALLISON #27

184-54379-M-50-20-64

SMALL WATER AT 220 GOOD WATER AT 300-370'

DRILLED TO 500' SET OVERNIGHT STATIC WATER AT 270'

200' PLAIN VENT BALANCE PERFORATED, LOGGED 450

200	(80) 146	55 232	(30) 186	(10) 5
5	85 233 (10)	(60) 214	35 208	10
10	90 230	65 198 (5)	40 224	15
15	(95) 229	70 173	45 178	20
20	300 227 (9)	(75) 157	50 BOTTOM	25
25	5 222	80 157 (4)	55	30
30	(10) 205	85 162	60 (1) 191 244	35
35	15 199 (8)	(90) 179	65 (2) 208 273	40
40	20 198	95 218 (3)	70 (3) 160 229	45
45	(25) 186	100 218	75 (4) 163 236	50
50	30 188 (7)	5 199	80 (5) 224 305	55
55	35 168	(10) 211	85 (6) 168 253	60
60	(40) 172	15 209 (2)	90 (1) 198 280	65
65	45 181 (6)	20 195	95 (8) 217 337	70
70	196	50 195	500 (9) 236 348	75
75	188	25 154	(10) 176 281	

Volts = 12.0

Amps = 14.50

Ohms = .82

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

Analysis No. 1-10841 Date September 16, 1983

Operator El Paso Natural Gas Well Name Allison #27 CPS-1670W

Location NE 30-32-6 County San Juan State New Mexico

Field Ignacio Formation

Sampled From 120-130 feet

Date Sampled August 22, 1983 By Bill Tatum

Tbg. Press. Csg. Surface Csg. Press.

Sodium <u>177</u> ppm	<u>7.7</u> epm	Chloride <u>240</u> ppm	<u>6.8</u> epm
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Calcium <u>56</u>	<u>2.8</u>	Bicarbonate <u>195</u>	<u>3.2</u>
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Magnesium <u>2</u>	<u>0.2</u>	Sulfate <u>35</u>	<u>0.7</u>
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Iron <u></u>	<u></u>	Carbonate <u>0</u>	<u>0</u>
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H ₂ S <u></u>	<u></u>	Hydroxide <u>0</u>	<u>0</u>
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cc: R. A. Ullrich
E. R. Paulek
J. W. McCarthy
J. D. Evans
W. B. Shropshire
D. C. Adams
File

Total Solids Dissolved 1.330

pH 8.0

Sp. Gr. 0.9984 At 60°F

Resistivity 515 ohm-cm at 74°F

Dennis P. Bird

Chemist GCK

