

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

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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 Served 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

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 8/19/83

CPS # <u>1670W</u>		Well Name, Line or Plant: <u>ALLISON #27</u>		Work Order # <u>54379-19-80-20</u>		.74		Ins. Union Check	
								☒ Good ☐ Bad	
Location: <u>NE 30-32-6</u>		Anode Size: <u>2" x 60"</u>		Anode Type: <u>DUEIRON</u>		Size Bit: <u>6 3/4"</u>			
Depth Drilled: <u>500</u>		Depth Logged: <u>450</u>		Drilling Rig Time		Total Lbs. Goke Used		Lost Circulation Mat'l Used	
Anode Depth		Anode Output (Amps)		Anode Depth		Anode Output (Amps)			
# 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>
# 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>
# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20
# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20
Total Circuit Resistance		Volts <u>1270</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

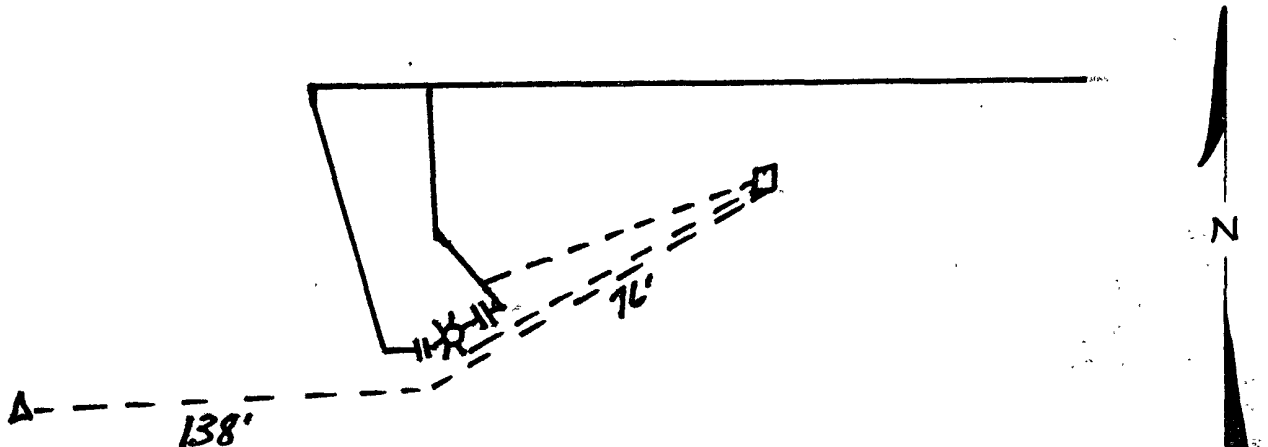
DATE	OT	REG
<u>Drilled to 500' logged 450' set overnight</u>		
<u>static water at 270'</u>	<u>8/22</u>	<u>7</u>
<u>200' plain vent pipe balance</u>	<u>8/23</u>	<u>2</u>
<u>perforated.</u>		

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



EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

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

BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		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			SERIAL NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS		
SIZE		SINGLES			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY		
MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH			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 -			REMARKS -			REMARKS -		
			Dry to 200'					
			Pump from 220 to 370					
			making water 380					

SIGNED: Toolpusher

Billy Sanders

Company Supervisor

Gary E. Mearsh

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	400 218	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 (7) 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

