

1341

#20 30-045-11386
#112 30-045-27129DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)Operator MERIDIAN OIL Location: Unit SW Sec. 18 Twp 32 Rng 6Name of Well/Wells or Pipeline Serviced ALLISON UNIT #20, #112

cps 1667w

Elevation 6518' Completion Date 8/22/83 Total Depth 620' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/AIf Cement or Bentonite Plugs have been placed, show depths & amounts used
N/ADepths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. NO WATERDepths gas encountered: N/AType & amount of coke breeze used: 6775 lbs.Depths anodes placed: 601', 593', 584', 576', 569', 560', 552', 543', 536', 510'Depths vent pipes placed: 620'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 8-22-83

CPS #	Well Name, Line or Plant: <u>ALLISON #20</u> <u>#112</u>	Work Order # <u>53702-19-50-20-64</u>	Static: <u>.79 600' E.</u>	Ins. Union Check ☒ Good ☐ Bad
<u>1667-W</u>				
Location: <u>SW-18-32-6</u>	Anode Size: <u>2" x 60"</u>	Anode Type: <u>DURIRON</u>	Size Bit: <u>6 3/4"</u>	
Depth Drilled <u>620'</u>	Depth Logged <u>616'</u>	Drilling Rig Time	Total Lbs. Coke Used <u>6775</u>	Lost Circulation Mat'l Used
No. Sacks Mud Used				
Anode Depth				
# 1 <u>601'</u>	# 2 <u>593'</u>	# 3 <u>584'</u>	# 4 <u>576'</u>	# 5 <u>569'</u>
# 6 <u>560'</u>	# 7 <u>552'</u>	# 8 <u>543'</u>	# 9 <u>536'</u>	# 10 <u>510'</u>
Anode Output (Amps)				
# 1 <u>1.65</u>	# 2 <u>2.13</u>	# 3 <u>1.99</u>	# 4 <u>2.37</u>	# 5 <u>2.26</u>
# 6 <u>2.80</u>	# 7 <u>2.84</u>	# 8 <u>3.15</u>	# 9 <u>2.33</u>	# 10 <u>3.40</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		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used
Volts <u>13.84</u>	Amps <u>10.04</u>	Ohms <u>1.38</u>	<u>5674</u>	

Remarks: Dripper said no water. Drilled to 620' logged 616'
installed 620' of 1" PVC vent pipe, Perforated 300'
shurried 6775 lbs of coke.

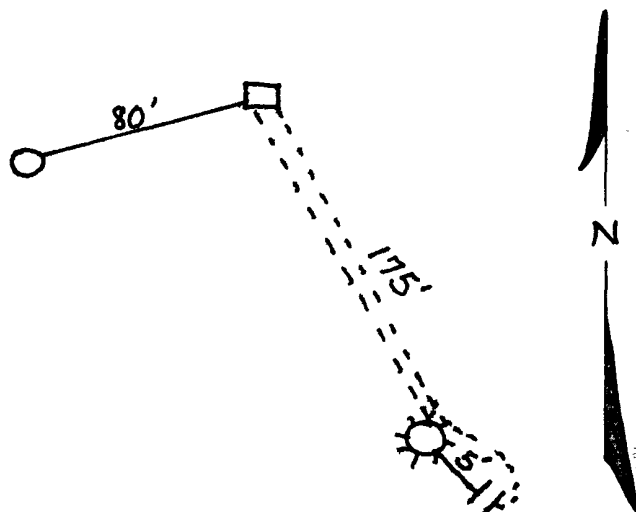
Rectifier Size: 40 V 16 A
 Addn'l Depth 116' ✓
 Depth Credit: NONE ✓
 Extra Cable: 200' ✓
 Ditch & 1 Cable: 255' ✓
 25' Meter Pole: NONE ✓
 20' Meter Pole: YES ✓
 10' Stub Pole: NONE

All Construction Completed

Don Jan Hill
(Signature)

GROUND BED LAYOUT SKETCH

Date	Reg.	O.T.
<u>8-22-83</u>	<u>8</u>	<u>4</u>
<u>8-23-83</u>		<u>1</u>



EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

cps 1667-W DAILY DRILLING REPORT

LEASE Allison WELL NO. # 20 CONTRACTOR _____ RIG NO. _____ REPORT NO. _____ DATE 8-21 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.
					500	620	sh-b	6 3/4						

BIT NO. _____		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 -	REMARKS -	REMARKS -
	No water	

SIGNED: Toolpusher

Alexander

Company Supervisor

Don Jon Hitt

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE Allison #20 WELL NO. 50-18-32-6 CONTRACTOR CPS 1667-6 RIG NO. 1983 DATE 8-19 1983

MORNING

DAYLIGHT

EVENING

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	30	clay	63							
					30	440	shale								
					440	460	sandstone								
					460	500	shale								
BIT NO.				NO. DC				NO. DC				NO. DC			
SIZE				SIZE				SIZE				SIZE			
TYPE				TYPE				TYPE				TYPE			
MAKE				MAKE				MAKE				MAKE			
MUD RECORD				MUD RECORD				MUD RECORD				MUD RECORD			
TIME				TIME				TIME				TIME			
WT.				WT.				WT.				WT.			
VIS.				VIS.				VIS.				VIS.			
TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN			
FROM				FROM				FROM				FROM			
TO				TO				TO				TO			
MUD, ADDITIVES USED AND RECEIVED				MUD, ADDITIVES USED AND RECEIVED				MUD, ADDITIVES USED AND RECEIVED				MUD, ADDITIVES USED AND RECEIVED			
REMARKS -				REMARKS -				REMARKS -				REMARKS -			

SIGNED: Toolpusher Alexander

Company Supervisor Don for Hill

ALLISON #20 (MV-DK) 1800'S 850'W-18-32-6 CPS. # 1667
 W.O. # 53702-19-50-20-64

MW	gals/mol
16 04	C1 6 4
30 07	C2 10 12
44 10	C3 10 42
58 12	C4 12 38
58 12	nC4 11 93
72 15	C5 13 85
72 15	nC5 13 71
86 18	C6 15 50
86 18	C6 15 57
100 21	C7 17 2
100 21	C7 17 46
114 23	C8 19 39
28 05	C2 9 64
42 08	C3 9 67

MW	MISC	gals/mol
32 00	O2	3 37
28 01	CO	4 19
44 01	CO2	6 38
64 06	SO2	5 50
34 08	H2S	5 17
28 01	N2	4 16
2 02	H2	3 38

10 - 2" x 60" DURIRON Anodes
 56.74' # 8 wire

DRILLER SAID NO WATER
 DRILLED TO 620' LOGGED 616'
 INSTALLED 620' OF 1" PVC
 vent Pipe Perforated 300'

4 20 .57	3 0 .57		
5 .53	3 5 .67		
10 .61	4 0 .86 ⑦ .93 5 36		
15 .66	4 5 .94		
20 .64	5 0 .98 ⑧ 1.75 5 43	TOTAL 10.07 AMPS 13.89 VOL	
25 .61	5 5 1.25 ⑨ 1.57 5 52	1.38 $\sqrt{2}$	
30 .54	6 0 1.42	① 601' STATIC 1.07 - FINAL 1.65	
35 .54	6 5 1.27 ⑩ 1.65 5 60		
40 .53	7 0 1.45 ⑪ 1.41 5 69	② 593' - 1.43 - 2.13	
45 .47	7 5 1.55 ⑫ 1.59 5 76		
50 .46	8 0 1.49	③ 584' - 1.38 - 1.99	
55 .48	8 5 1.41 ⑬ 1.38 5 84		
60 .50	9 0 1.46 ⑭ 1.43 5 93	④ 576' - 1.59 - 2.37	
65 .41	9 5 1.30		
70 .54	6 0 0 1.15 ⑮ 1.07 6 01'	⑤ 569' - 1.41 - 2.26	
75 .56	5 .74		
80 .53	1 0 .78	⑥ 560' - 1.65 - 2.80	
85 .62	6 1 6 B.O.H.		
90 .57	2 0	⑦ 552' - 1.57 - 2.84	
95 .64	2 5		
5 0 0 .60	3 0	⑧ 543' - 1.45 - 3.15	
5 .73	3 5		
10 .91 ⑩ 2.47 4 0	4 0	⑨ 536' - .93 - 2.33	
15 .72	4 5		
20 .59	5 0	⑩ 510' - 2.47 - 3.40	
25 .57	5 5		