1343

E

#18 30-045-21319

#22 30-045-22546

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. 25 Twp 32 Rng 7

Name of Well/Wells or Pipeline Serviced ALLISON UNIT #18, #22

cps 1665w

Elevation 6451' Completion Date 8/29/83 Total Depth 620' 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. NO WATER

Depths gas encountered: N/A

Type & amount of coke breeze used: 6820 lbs.

Depths anodes placed: 580', 570', 560', 500', 490', 480', 470', 460', 440', 410'

Depths vent pipes placed: 625'

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.

FM-07-0238 (Rev. 10-82)

WELL CASING

CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

Drilling Log (Attach Hereto) ☑ Completion Date 8-29-83

CPS #	Well Name, Line or Plant:	Work Order #	Static.	Ins. Union Check
1665-W	ALLISON U. # 18	55548-21-50-20-69	.75 - 600' S.S.W. # 18	☑ Good ☐ Bad
	ALLISON U. # 22	57129-21-50-20-69	600' S.S.W. # 22	☒ BAD INS. Flange

Location	Anode Size	Anode Type	Size Bit:
NE-25-32-7	2"X60"	DURIRON	6¾

Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No Sacks Mud Used
620'	620'		6820		

	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
Anode Depth	580	570	560	500	490	480	470	460	440	410
Anode Output (Amps)	1.95	1.94	1.58	2.05	2.35	2.20	1.95	2.44	2.61	2.80
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 12.10	Amps 10.28	Ohms 1.18	3850'	

Remarks: Driller said no water, drilled to 620' Loged 620'. installed 625' of 1" PVC vent Pipe Perforated 300'

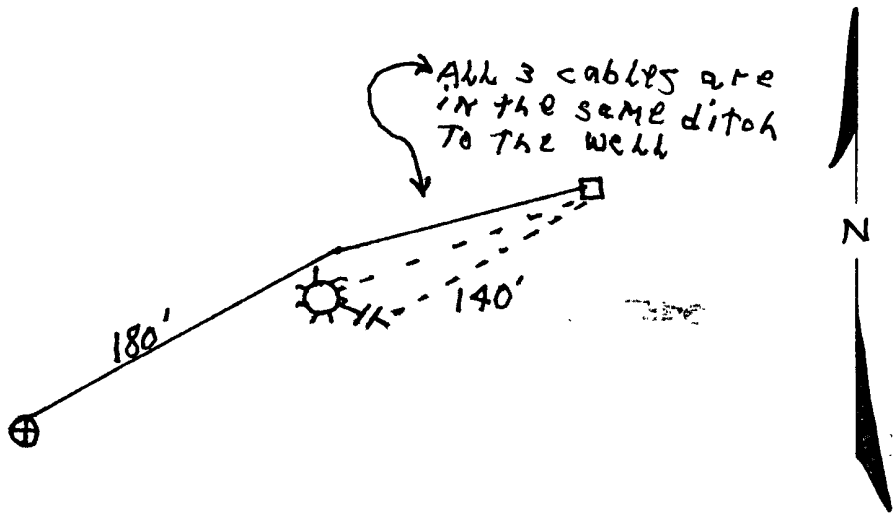
Rectifier Size: 60 V 30 A ✓
Addn'l Depth 120' ✓
Depth Credit: NONE
Extra Cable: 310' ✓
Ditch & 1 Cable: 320' ✓
25 'Meter Pole: NONE
20' Meter Pole: yes ✓
10' Stub Pole: NONE

Date	Reg.	o.t.
8-29-83	8	4

All Construction Completed

Don Jon Hill
(Signature)

GROUND BED LAYOUT SKETCH



L0451

Form 22-2 (Rev. 5-79)

EL PASO NATURAL GAS COMPANY

DRILLING DEPARTMENT

CPS # 1665

DAILY DRILLING REPORT

LEASE Allison WELL NO. U # 18 + 22 CONTRACTOR RIG NO. REPORT NO. DATE 8-29 1983

MORNING

Driller Total Men In Crew

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

NO. DC ____ SIZE ____ LENG. ____

BIT NO.

NO. DC ____ SIZE ____ LENG. ____

SERIAL NO.

STANDS

SIZE

SINGLES

TYPE

DOWN ON KELLY

MAKE

TOTAL DEPTH

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

FROM	TO	TIME BREAKDOWN

REMARKS –

DAYLIGHT

Driller Alexander Total Men In Crew

FROM	TO	FORMATION	WT-BIT	R.P.M.
0	20	Sandy Clay		
20	120	Sand Stone		
120	620	Shale + S.S. Stringers		

NO. DC ____ SIZE ____ LENG. ____

BIT NO.

NO. DC ____ SIZE ____ LENG. ____

SERIAL NO.

STANDS

SIZE

SINGLES

TYPE

DOWN ON KELLY

MAKE

TOTAL DEPTH

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

FROM	TO	TIME BREAKDOWN

REMARKS –

No water

EVENING

Driller Total Men In Crew

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

NO. DC ____ SIZE ____ LENG. ____

BIT NO.

NO. DC ____ SIZE ____ LENG. ____

SERIAL NO.

STANDS

SIZE

SINGLES

TYPE

DOWN ON KELLY

MAKE

TOTAL DEPTH

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

FROM	TO	TIME BREAKDOWN

REMARKS –

SIGNED: Toolpusher D. Alexander Company Supervisor Don Jon Hitt

EL PASO NATURAL GAS COMPANY

Form 7-354 (Rev 11-77)

Sheet ____ of ____

Date: 8-29-83

By: KJH

(18) 55548-21-50-20-64

ALLISON U. #18 & #22 NE-25-32-7 W.O.#(22)57129-21-50-20-64

C.P.S. # 1665-W

10 - 2" x 60" Duriron Anodes Driller said no water.

Installed 625' of 1" PVC vent Drilled to 620' Logged 620'

Pipe. Perforated 300'

MW		gals/mol
16 04	C_1	6 4
30 07	C_2	10 12
44 10	C_3	10 42
58 12	iC_4	12 38
58 12	nC_4	11 93
72 15	iC_5	13 85
72 15	nC_5	13 71
86 18	iC_6	15 50
86 18	C_6	15 57
100 21	iC_7	17 2
100 21	C_7	17 46
114 23	C_8	19 39
28 05	$C_2^=$	9 64
42 08	$C_3^=$	9 67

MISC MW		gals/mol
32 00	O_2	3 37
28 01	CO	4 19
44 01	CO_2	6 38
64 06	SO_2	5 50
34 08	H_2S	5 17
28 01	N_2	4 16
2 02	H_2	3 38

4 00	.89	40	1.32		
5	1.02	45	1.37		
10	1.05 (12)	50	1.34		
15	1.00	55	.86		
20	.85	60	1.24 (5)		
25	.87	65	1.41		
30	.91	70	1.37 (4)		
35	.98	75	1.43		
40	1.02 (11)	80	1.58 (3)		
45	.98	85	1.76	10.28 AMPS	12.10 volts
50	.84	90	1.72 (2)	1.18 Ω	
55	1.00	95	1.36		
60	1.04 (10)	600	1.18 (1)	~~(1) 6+00 - 1.20~~	
65	.76	5	1.34	~~(2) 5+90 - 1.70~~	
70	.90 (9)	10	1.44	(1) (3) 5+80 - 1.54	1.95
75	.95	15		(2) (4) 5+70 - 1.43	1.94
80	.96 (8)	20	B.O.H.	(3) (5) 5+60 - 1.32	1.58
85	.91	25		(4) (6) 5+00 - 1.47	2.05
90	.92 (7)	30		(5) (7) 4+90 - 1.23	2.35
95	.90	35		(6) (8) 4+80 - 1.40	2.20
500	.95 (6)	40		(7) (9) 4+70 - 1.40	1.95
5	.93	45		(8) (10) 4+60 - 1.38	2.44
10	.87	50		(9) (11) 4+40 - 1.61	2.61
15	1.02	55		(10) (12) 4+10 1.72	2.80
20	1.10	60			
25	1.28	65			
30	1.22	70			
35	1.15	75			