

1335

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30-045-11325

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NW Sec. 20 Twp 32 Rng 06

Name of Well/Wells or Pipeline Serviced ALLISON UNIT #10

cps 1657w

Elevation 6530' Completion Date 8/29/83 Total Depth 600' 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: 6200 lbs.

Depths anodes placed: 580', 510', 345', 335', 320', 310', 300'

Depths vent pipes placed: 600'

Vent pipe perforations: 300'

Remarks: (gb #2)

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.

1336

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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 NW Sec. 20 Twp 32 Rng 6

Name of Well/Wells or Pipeline Serviced ALLISON UNIT #10

cps 1657w

Elevation 6530' 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

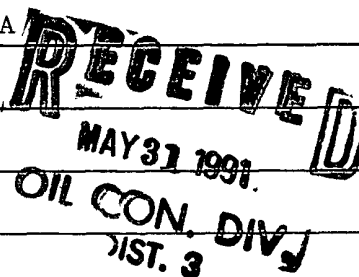
Type & amount of coke breeze used: N/A

Depths anodes placed: 521', 514', 507'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: gb #1 HOLE CAVED WHILE COKING.



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.

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If Federal or Indian, add Lease Number.

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
1657 W	ALLISON U. #10	52788-19-50-20-64	.74 600' SW	☒ Good ☐ Bad
Location	Anode Size:	Anode Type:	Size Bit:	
NW-20-32-6	2" x 60"	Durion	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
600'	600'		Slurred 6200	
Anode Depth	Anode Output (Amps)			
#1 521'	#2 514'	#3 507'	#4 580'	#5 510'
#6 345'	#7 335'	#8 320'	#9 310'	#10 300'
#11	#12	#13	#14	#15
#16	#17	#18	#19	#20
Total Circuit Resistance			No. 8 C.P. Cable Used	
Volts 13.9V Amps 14.0A Ohms .99			No. 2 C.P. Cable Used	

Remarks: ^{#1} Hole. Drilled 620', Logged 546'. Covered 3 Anodes with coke, Hole came in. Moved over & Drilled Hole #2. Drilled 600', Logged 600'. Driller said no water in Hole. Installed 600' of 1" P.V.C. vent pipe, Perforated 300'. Coil went around the bottom two anodes, The next anode stopped at 352'. Could not remove bridge from hole, installed the rest of the anodes above it.

Rectifier Size: 40 V 16 A
 Addn'l Depth 100' ✓
 Depth Credit: —
 Extra Cable: 398' ✓
 Ditch & 1 Cable: 318' ✓
 25' Meter Pole: —
 20' Meter Pole: 1 ✓
 10' Stub Pole: —

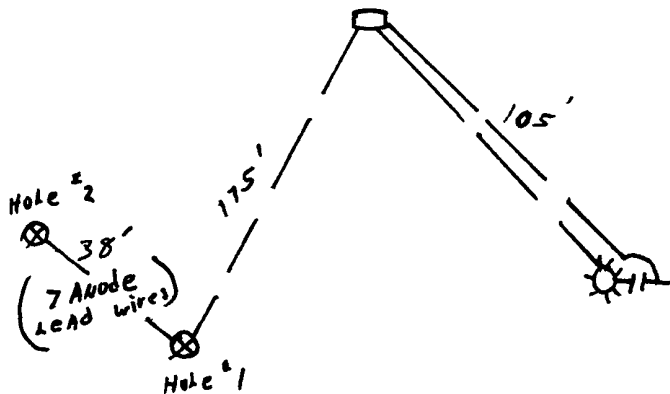
All Construction Completed

J.E. Stath
 (Signature)

GROUND BED LAYOUT SKETCH

Time	Reg.	O.T.
8/23=	7	0
8/24=	8	3
8/25=	8	2

See check Hitt's time
 cards. He had some time
 charged to this log.



6530

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE *Allison*WELL NO. *# 10*

CONTRACTOR

RIG NO.

REPORT NO.

DATE *8-23*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.
SERIAL NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS		
SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES		
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		

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 -

SIGNED: Toolpusher

Alexander

Company Supervisor

Don Jon Hitt

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

Hole #2

CPS 1657W DAILY DRILLING REPORT

LEASE Allison

WELL NO. #10

CONTRACTOR SK Drilling

RIG NO. 3

REPORT NO.

DATE 8-26

1985

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.
SERIAL NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS		
SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES		
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		

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.	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'					
			Dry to 600'					
			Lose SAND 505 to 545					

SIGNED: Toolpusher

Billy Sanders

Company Supervisor

JC Stoltz

Date: 8-24-83

By: [Signature]

ALLISON U. #10 NW-20-32-6 W.O. # 52782-19-50-20-67
 GPS. # 1657

Hole # 1

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

3- 2" x 60" Duriron Anodes
 Installed 550' of 1" P.V.C.
 Vent Pipe Perforated 140'

Driller said no water
 Drilled to 620' 8-23-83
 Logged 546 8-24-83
 installed 6 anodes started
 clogging hole caved around
 # 5+6 could not installed
 excepted Anodes # 2-3+4

MW	MISC	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 ₂ S	5.17
28 01	N ₂	4.16
2 02	H ₂	3.38

1st Log 2nd Log				1st Log				1st Log Drilled Hole # 2			
4 0 0	.61	.81	5 4 0	1.00	3 0 0	.61					
5	.59	.73	4 5	1.01 B.O.H.	5	.55					
1 0	.62	.70	5 0	1.00	1 0	.57					
1 5	.66	.89	5 5	.96	1 5	.63					
2 0	.63	.85	6 0	.	2 0	.62					
2 5	.67	.89	6 5		2 5	.61					
3 0	.71	.91	7 0		3 0	.60	① 5.28	1.02	1.30		
3 5	.70	.86	7 5		3 5	.62	② 5.21	1.02	2.18	①	
4 0	.70	.73	8 0		4 0	.54	③ 5.18	1.25	2.85	②	
4 5	.74	.74	8 5		4 5	.76	④ 5.07	1.36	3.48	③	
5 0	.73	.86	9 0		5 0	.80	⑤ 5.00	1.10	1.56		
5 5	.64	.81	9 5		5 5	.78	⑥ 4.93	1.08	1.13		
6 0	.63	.85	6 0 0		6 0	.81	⑦ 4.86				
6 5	.71	.91	5		6 5	.80	⑧ 4.79				
7 0	.71	.93	1 0		7 0	.61	⑨				
7 5	.72	.97	1 5		8 5	.67					
8 0	.76	.94	2 0		8 0	.82					
8 5	.78	.95	2 5		8 5	.78					
9 0	.81	1.28	3 0		9 0	.70					
9 5	.76	1.36	3 5		9 5	.66					
5 0 0	.78	1.26	4 0								
5	1.03	1.01	4 5								
1 0	1.11	1.03	5 0								
1 5	1.05	.92	5 5								
2 0	.92	.89	6 0								
2 5	.97	1.00	① 6 5								
3 0	.94	1.01	7 0								
3 5	.90	1.00	7 5								

CPS 1657 W

ALLISON UNIT #10

W.O. 52788-19-50-20-64

MW		gals/mol
16.04	C1	6.4
30.07	C2	10.12
44.10	C3	10.42
58.12	IC4	12.38
58.12	nC4	11.93
72.15	IC5	13.85
72.15	nC5	13.71
86.18	IC6	15.50
86.18	C6	15.57
100.21	IC7	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

400 -	60 - 1.3 - (4)	(1) Hole, Drilled 620'
	1.6	Logged 545', covered
10 -	70 - 1.68	34 nodes with coke
	1.5	Hole caved in.
20 - 1.18 - (7)	600 - T.D.	Moved over and
1.19		Drilled Hole #2.
30 - 1.12 - (8)		Drilled 600', logged
1.17		600', installed
40 - 1.12 - (7)		600' of 1" PVC vent
170 -	1.01	Pipe, Perforated 300'
10 -	50 - .72 - (2)	Coke went around the
	.76	Bottom Two Nodes, and
	50 - .66	Hole bridged at 352'
90 -	.62	Hole was dry
.88	70 - .64	
300 - .95 - (10)	.6	Hole #1
.90	20 - .62	1 - 521' - 2.27
10 - .75 - (9)	.6	2 - 514' - 3.4
.88	70 - .52	3 - 507' - 3.9
20 - .70 - (8)	.63	Hole #2
.87	500 - .58	4 - 520' - 1121 - 2.4
30 - .86	.66	5 - 510' - .90 - 3.55
1.02 - (7)	10 - .76 - (5)	6 - 345' - 1.26 - 1.9
70 - 1.0	.68	7 - 325' - 1.02 - 1.8
345 - 1.43 - (6)	20 - .58	8 - 320' - .9 - 1.7
	.58	9 - 310' - .94 - 1.6
352 - Bridge	30 - .58	10 - 300' - .95 - 1.5
	.53	
	40 - .55	
	1.55	
	50 - .6	
	.61	
	60 - .68	
	.69	
	70 - .62	
	.74	