

1401

E

30-045-11411

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. 17 Twp 32 Rng 6Name of Well/Wells or Pipeline Serviced ALLISON UNIT #1

cps 165

Elevation 6547' Completion Date 8/26/83 Total Depth 640' Land Type* N/ACasing, Sizes, Types & Depths N/AIf 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 WATERDepths gas encountered: N/AType & amount of coke breeze used: 6500 lbs.Depths anodes placed: 605', 595', 585', 575', 565', 555', 545', 535', 525', 515'Depths vent pipes placed: 625'Vent pipe perforations: 240'Remarks: gb #1**RECEIVED**

MAY 31 1984

OIL CON. DIV.

105129

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 8/26/83

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins	Union Check
1651 W	ALLISON UNIT #1	52511-19-50-20-64	600' NE = .67 V	☒	☐
Location		Anode Size	Anode Type	Size Bit	
NW 17-32-6		2" x 60'	Durion	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
640'	625'	—	Shurred 6500 LB.	—	—
Anode Depth					
# 1 605'	# 2 595'	# 3 585'	# 4 575'	# 5 565'	# 6 555'
# 7 545'	# 8 535'	# 9 525'	# 10 515'		
Anode Output (Amps)					
# 1 2.15	# 2 2.26	# 3 2.19	# 4 2.47	# 5 2.28	# 6 2.32
# 7 2.03	# 8 2.16	# 9 2.45	# 10 2.26		
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 11.8	Amps 10.46	Ohms 1.1			

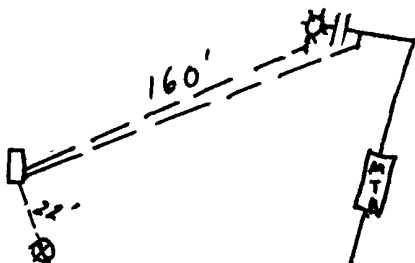
Remarks: Drilled 640' Logged 625', NO WATER. INSTALLED 625' of
1" P.V.C. VENT pipe PERFORATED 240'.

Rectifier Size: 40 V 16 A
 Addn'l Depth: 125' ✓
 Depth Credit: —
 Extra Cable: 190' ✓
 Ditch & 1 Cable: 182' ✓
 25' Meter Pole: —
 20' Meter Pole: 1 ✓
 10' Stub Pole: —

All Construction Completed

JE Statta
(Signature)

GROUND BED LAYOUT SKETCH



Time	Reg.	O.T.
13 Hr.	8	5

N

6547

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

CPS 1651W DAILY DRILLING REPORT

LEASE Allison WELL NO. #1 CONTRACTOR SK Drilling RIG NO. 3 REPORT NO. DATE 8-25 1983

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.	
S L NO.		STANDS		SINGLES		DOWN ON KELLY		S L NO.		STANDS		SINGLES		DOWN ON KELLY		S L NO.		STANDS		SINGLES		DOWN ON KELLY		S L NO.		STANDS		SINGLES		DOWN ON KELLY	
MAKE		TOTAL DEPTH		MAKE		TOTAL DEPTH		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.	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

Billy Sanders

Company Supervisor

JE Smith

Date: 8/26/83By: JSCPS ²/651 W

ALLISON U #1

N.O. 52511-19-50-20-6

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

410 - .5

600 - 2.0

Drilled 640'. NO WATER

.7

2.0 - (1) Logged 625' installed

20 - .79

10 - 2.03

625' of 1" P.V.C. VENT

.62

2.13

PIPE, Perforated 240'

30 - .63

20 - 2.03

.52

625 - T.D.

40 - .72

.75

50 - .78

.86

60 - .88

.83

70 - .58

.43

80 - .42

.42

90 - .52

.82

300 -

500 - .75

.85

10 - .88

.95 - (10)

20 - .93

1.03 - (9)

30 - .98

.85 - (8)

40 - .88

.90 - (7)

50 - 1.0

1.24 - (6)

60 - 1.28

1.20 - (5)

70 - 1.33

1.72 - (4)

80 - 1.97

1.71 - (3)

90 - 1.87

5 - 2.0 - (2)

$$11.8V \cdot 10.46A = 1.21 \Omega$$

1 - 605' - 1.94 - 2.15

2 - 595' - 2.0 - 2.26

3 - 585' - 1.81 - 2.19

4 - 575' - 2.09 - 2.47

5 - 565' - 1.62 - 2.28

6 - 555' - 1.88 - 2.32

7 - 545' - 1.4 - 2.03

8 - 535' - 1.4 - 2.16

9 - 525' - 1.68 - 2.45

10 - 515' - 1.56 - 2.26