

1144

30-045-11433

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. 15 Twp 32 Rng 7

Name of Well/Wells or Pipeline Serviced ALLISON UNIT #8

cps 1769w

Elevation 6682' Completion Date 8/23/85 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. 100'

Depths gas encountered: N/A

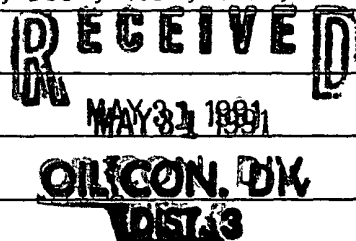
Type & amount of coke breeze used: 7300 lbs.

Depths anodes placed: 555', 545', 530', 520', 510', 500', 485', 415', 375', 330'

Depths vent pipes placed: 587'

Vent pipe perforations: 420'

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 8/23/85

CPS # <u>1769 W</u>		Well Name, Line or Plant: <u>ALLISON UNIT #8</u>		Work Order #		Static: <u>600 E = .80 V</u>		Ins Union Check ☒ Good ☐ Bad	
Location: <u>NE 15-32-7</u>		Anode Size: <u>2" X 60"</u>		Anode Type: <u>DURATION</u>		Size Bit: <u>6 3/4"</u>			
Depth Drilled: <u>600'</u>		Depth Logged: <u>587'</u>		Drilling Rig Time		Total Lbs. Coke Used: <u>7300</u>		Lost Circulation Mat'l Used	
No. Sacks Mud Used									
Anode Depth									
# 1 <u>555'</u>	# 2 <u>545'</u>	# 3 <u>530'</u>	# 4 <u>520'</u>	# 5 <u>510'</u>	# 6 <u>500'</u>	# 7 <u>485'</u>	# 8 <u>415'</u>	# 9 <u>375'</u>	# 10 <u>330'</u>
Anode Output (Amps)									
# 1 <u>3.3</u>	# 2 <u>2.8</u>	# 3 <u>2.8</u>	# 4 <u>2.6</u>	# 5 <u>4.0</u>	# 6 <u>4.1</u>	# 7 <u>2.9</u>	# 8 <u>3.1</u>	# 9 <u>2.8</u>	# 10 <u>2.9</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>12.09V</u>		Amps <u>16.7A</u>		Ohms <u>.72</u>					

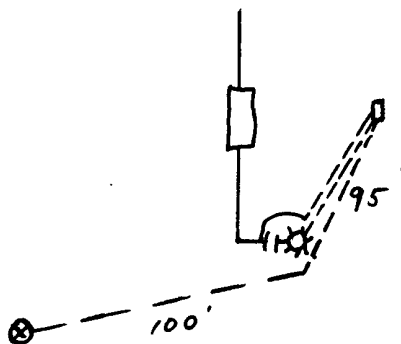
Remarks: DRILLER SAID WATER AT 100', DRILLED 160', COULD NOT BLOW WATER
OUT OF HOLE NEXT A.M. WENT THREE MORE MOISTURE AT 120'
DRILLED 600'. LOGGING ANODE STOPPED AT 587'. INSTALLED 587' OF 1" P.V.C.
VENT PIPE, PERFORATED TO 167'.

Rectifier Size: 40V 16A
 Addn'l Depth: 87
 Depth Credit: —
 Extra Cable: 220'
 Ditch & 1 Cable: 195'
 25' Meter Pole: —
 20' Meter Pole: 1
 10' Stub Pole: —

All Construction Completed

GROUND BED LAYOUT SKETCH

JE Stoltz
(Signature)



TIME	Reg.	O.T.
8/22/85	8	6
8/23/85	8	4 1/2

6682

DAILY DRILLING REPORT

LEASE ALLISON UNIT WELL NO. #8

CONTRACTOR

RIG NO.

REPORT NO.

DATE 8/23/85 19

19

MORNING

Driller TIM C RIFFEL

Total Men In Crew 5

DAYLIGHT

Driller

Total Men In Crew

Driller

EVENING

Total Men In Crew

[illegible]

	NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____
B.O.	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

[illegible][illegible]

REMARKS -

REMARKS -

REMARKS:

0-40 BROWN SHALE / SAND STONE
40-80 SAND STONE / BROWN SHALE
80-100 SAND STONE "moisture"
100-180 SAND STONE / BLUE SHALE
180-200 SAND STONE
200-220 SAND STONE / ROCK "moisture"
220-400 SAND STONE
400-590 SAND STONE / BLUE SHALE
590-600 CRISTAL SAND STONE

SIGNED: Toolpusher

____ Company Supervisor

CPS * 1769W

ALLISON UNIT #8 NE 15-32-7

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

220 - 1.4

390 - .9

DRILLER SAID MOISTURE AT
100' feet; Drilled 160'
COULD NOT BLOW WATER
OUT OF HOLE NEXT AM.
WENT THREE MORE MOISTURE
AT 220; Drilled 600'
T.D. 587. INSTALLED 587'
of 1" PVC VENT PIPE
PERFORATED TO 167'

.8

1.0

30 - .3

400 - 1.0

.4

.9

40 - .3

10 - .9

.5

1.1 - ⑩

50 - .8

20 - .8

1.1

1.0

60 - 1.2

30 - .9

1.1

.9

70 - 1.2

40 - 1.0

560 - 1.0

1.0

.9

80 - 1.1

50 - 1.0

70 - .6

1.2

.8

90 - .9

60 - .9

80 - .4

1.1

.9

.6

300 - 1.0

70 - .9

90 - .6

1.0

.9

~~487~~ T.D.
587

10 - .9

80 - 1.0

600 -

.8

1.0 - ⑦

20 - .8

90 - 1.1

12.99V @ 16.7A = .72 Ω

.8

.9

30 - 1.1 - ⑩

500 - 1.2 - ⑩

.9

1.1

40 - .8

10 - 1.0 - ⑤

.8

.9

50 - 1.0

20 - 1.0 - ⑫

.9

1.0

60 - 1.0

30 - 1.0 - ③

.9

.9

70 - 1.0

40 - 1.0

1.1 - ⑨

1.0 - ②

80 - 1.0

50 - 1.0

.9

1.2 - ①

1 - 555 - 1.2 - 3.3
2 - 545 - 1.0 - 2.8
3 - 530 - 1.0 - 2.8
4 - 520 - 1.0 - 2.6
5 - 510 - 1.1 - 4.0
6 - 500 - 1.1 - 4.1
7 - 485 - 1.0 - 2.9
8 - 415 - 1.0 - 3.1
9 - 375 - 1.1 - 2.8
10 - 330 - 1.1 - 2.9