

1245

E

30-039-21870

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. 15 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #47A

cps 1502w

Elevation 6702' Completion Date 7/9/80 Total Depth 520' 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. DAMP AT 170' - 190' WATER AT 420'

Depths gas encountered: N/A

Type & amount of coke breeze used: 51 SACKS

Depths anodes placed: 465', 450', 435', 415', 405', 355', 340', 325', 255', 240'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. DIV.]
DIST. 2

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

8 Hrs reg
8 Hrs reg
2 Hrs OT

Drilling Log (Attach Hereto). ☐

STATIC .88

Completion Date 7-9-80

Well Name ST 28-6 #47A		Location NW 15-28-6		CPS No. 1502 W	
Type & Size Bit Used 6 3/4"		2" x 60" DURIRON		Work Order No. 57549-21	
Anode Hole Depth 520	Total Drilling Rig Time 508 TD	Total Lbs. Coke Used 51 BAGS	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	#1 465	#2 450	#3 435	#4 415	#5 405
Anode Output (Amps)	#1 3.1	#2 3.2	#3 3.2	#4 2.7	#5 2.2
Anode Depth	#6 355	#7 340	#8 325	#9 255	#10 240
Anode Output (Amps)	#6 2.4	#7 2.6	#8 2.5	#9 2.9	#10 2.1
Anode Depth	#11	#12	#13	#14	#15
Anode Output (Amps)	#11	#12	#13	#14	#15
Total Circuit Resistance	Volts 11.4		Amps 14.6		Ohms .78
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

Remarks: Damp at 50' (WAIT 20 MIN) Damp at 170 to 190 (WAIT 30 MIN) NO WATER DRILLED TO 520. RAN LOG ANODE NEXT AM WATER AT 420'. FILLED W/ WATER & LOGGED STOP AT 508' TD.

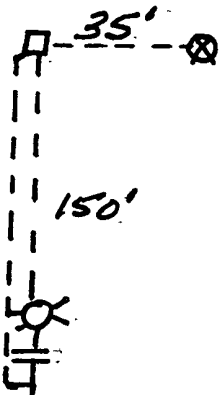
EXISTING AC
GROUND BED LAYOUT SKETCH

All Construction Completed

BT

(Signature)

STUB POLE
4016 RECT
DITCH + 1 CABLE = 185'
XTRA CABLE = 150'



DISTRIBUTION:

WHITE - Division Corrosion Office
YELLOW - Area Corrosion Office
PINK - Originator File

6702

UNION=OK

STATIC = .88

1502 W

57549-21

SI 28-6 # 47A

NW 15-28-6

DAMP AT 50' (WAIT 15 MIN.) DAMP 180 TO 1' (WAIT 30 MIN) NO WATER DRILLED TO 520' SET OVER NIGHT LOG HIT WATER AT 420 NEXT AM. FILLED HOLE W/ WATER TO 200' LOG 50' LOG STOPPED AT 508' T.D.

11.4V 14.6A = .78 Ω

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

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

200	300	400	500
5 3.3	5 .4	5 1.0 ⑤	5 1.5
10 3.2	10 .5	10 1.6	10 -TD
15 2.5	15 .6	15 1.7 ④	15
20 2.2	20 .6	20 1.8	20
25 1.2	25 1.0 ⑧	25 1.2	25
30 .8	30 1.8	30 1.1	30
35 .7	35 1.7	35 1.8 ③	35
40 .8 ⑩	40 2.0 ⑦	40 2.0	40
45 1.4	45 1.7	45 1.8	45
50 1.8	50 1.8	50 1.8 ②	50
55 1.9 ⑨	55 1.9 ⑥	55 2.3	55
60 2.1	60 1.7	60 1.7	60
65 1.7	65 1.3	65 1.8 ①	65
70 .8	70 1.0	70 2.0	70
75 .7	75 1.0	75 1.6	75
80 .4	80 .9	80 1.4	80
85 .4	85 1.2	85 1.0	85
90 .5	90 1.1	90 1.1	90
95 .5	95 .9	95 1.6	95
300 1.3	400 1.8	500 1.6	600

1	-	465	-	2.1	-	3.2
2	-	450	-	2.2	-	3.3
3	-	435	-	1.9	-	3.2
4	-	415	-	1.7	-	2.7
5	-	405	-	1.3	-	2.2
6	-	355	-	1.6	-	2.4
7	-	340	-	1.8	-	2.6
8	-	325	-	1.6	-	2.5
9	-	255	-	2.0	-	2.9
10	-	240	-	1.4	-	2.1

DAILY DRILLING REPORT

CPS-1502 w

S.J. 28-6 #47A

NAV 15-28-6

W.O.# 57549-21

LEASE

WELL NO.

CONTRACTOR 3-C - DRILLING

RIG NO. ~~2~~

REPORT NO.

DATE 7/60

19 80

MORNING					DAYLIGHT					EVENING				
Driller <i>Beisen</i>		Total Men In Crew <i>3</i>			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.
BIT NO.		NO. DC SIZE LENG.			BIT NO.		NO. DC SIZE LENG.			BIT NO.		NO. DC SIZE LENG.		
SER. NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS		
SIZE <i>6 3/4</i>		SINGLES <i>26</i>			SIZE		SINGLES			SIZE		SINGLES		
TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY		
MAKE		TOTAL DEPTH <i>520' T.D. 507'</i>			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		
<i>0</i>	<i>30</i>	<i>sandstone</i>			<i>150</i>	<i>180</i>	<i>shale</i>			<i>340</i>	<i>380</i>	<i>bentonite & shale</i>		
<i>30</i>	<i>60</i>	<i>sand-water</i>			<i>180</i>	<i>200</i>	<i>sand-water</i>			<i>380</i>	<i>520</i>	<i>shale</i>		
<i>60</i>	<i>90</i>	<i>shale</i>			<i>200</i>	<i>240</i>	<i>shale</i>							
	<i>100</i>	<i>Bentonite</i>			<i>240</i>	<i>260</i>	<i>sand</i>							
<i>100</i>	<i>120</i>	<i>shale</i>			<i>260</i>	<i>290</i>	<i>shale</i>							
<i>120</i>	<i>150</i>	<i>sand-water</i>			<i>290</i>	<i>340</i>	<i>sand</i>							
REMARKS -					REMARKS - <i>Had water at 50' / 130' / 180'</i> <i>would go for 180'</i> <i>Drilled to 420' when boots</i> <i>above fell in had to inject.</i> <i>drilled to 520' dried up hole</i> <i>water standing next A.M. at</i> <i>4:15</i> <i>Total hole 520' T.D. 507'</i>					REMARKS -				

SIGNED: Toolpusher

Brian Bunge

____ Company Supervisor