

1319

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30-039-07797

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

Operator MERIDIAN OIL INC. Location: Unit Sec. 23 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #75

 cps 1924w

Elevation 6260' Completion Date 4/11/63 Total Depth 120' 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. N/A

Depths gas encountered: N/A

Type & amount of coke breeze used: 850 lbs.

Depths anodes placed: 105', 99', 93', 87', 81', 74'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: gb #1 ABANDONED

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

55 30-6 Unit # 75, 413, 413R

DATE 4-11-63

WELL NAME McElvain #2-A

CPS NO. 7526 1924W

LOCATION 23-30N-7W

WORK ORDER NUMBER 184-40542-50-02

ANODE HOLE DEPTH 120'

TOTAL DRILLING RIG TIME 7 hrs

DRILLING TIME FOR RECTIFIER POLE HOLE

TYPE AND SIZE BIT USED

NUMBER SACKS MUD USED 5

NUMBER SACKS LOST CIRCULATION MAT'L USED 2

ANODE DEPTHS #1 105', #2 99', #3 93', #4 87' 5 81' 6 74

TOTAL LBS. COKE USED 850 lbs

ANODE OUTPUTS 12 VOLTS, #1 2.3, #2 3.2, #3 3.0, #4 2.8 5 2.0 6 2.0

TOTAL CIRCUIT RESISTANCE: VOLTS 11.4 AMPERES 6.8 OHMS 1.68

NUMBER FEET SURFACE CABLE CONDUIT 351'

DRILLING LOG (ATTACH HERETO).

FORMATION LOG (ATTACH HERETO).

REMARKS: STATIC 95 = 78 R 600' E

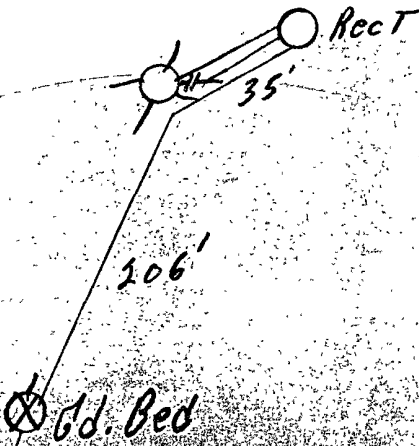
Installed Good-All Rect 28V - 12A

Serial # 6206245

ALL CONSTRUCTION COMPLETED.

E. Paulk
SIGNATURE

GROUND BED LAYOUT SKETCH



ORIGINAL & 1 COPY
ALL REPORTS

LEASE **NO. 1** WELL NO. **2-A** CONTRACTOR **L.E. Wilson** RIG NO. **D-2** REPORT NO. _____ DATE **4-10-11** 19**11**
 MORNING DAYLIGHT EVENING

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.	
0	75	SS.													
75	120	SS. STIBOGE													

BIT NO.	NO. DC	SIZE	LENG.	NO. DC	SIZE	LENG.	BIT NO.	NO. DC	SIZE	LENG.	SERIAL NO.	SIZE	SINGLES	DOWN ON KELLY	TOTAL DEPTH	MAKE	MUD RECORD		MUD, ADDITIVES USED AND RECEIVED
																	Time	Vis.	

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

TIME BREAKDOWN		TIME BREAKDOWN		TIME BREAKDOWN		TIME BREAKDOWN	
FROM	TO	FROM	TO	FROM	TO	FROM	TO

REMARKS - **4-10-63. Drilled TO 60' Lost Circulation AT 55'. Load water 4-11-63. " " FROM 60' TO 120' Load water.**

REMARKS - **3 hrs.**

REMARKS - **4 hrs.**

SIGNED: Toolpusher _____ Company Supervisor **OSP**

1321

E

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL INC. Location: Unit K Sec. 23 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #75, #413, #413R

cps 1924w

Elevation 6260' Completion Date 1/7/88 Total Depth 380' 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' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 295', 285', 255', 245', 235', 225', 215', 205', 185', 175'

Depths vent pipes placed: 355'

Vent pipe perforations: 250'

Remarks: gb #4

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

10K
Buse

Drilling Log (Attach Hereto)

Completion Date 1-7-88

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ina. Union Check						
1924-w	S.J. 30-6 #413 2574A E 75 #413K	Pump T.D 071036502		<input type="checkbox"/> Good <input type="checkbox"/> Bad						
Location K23-30-7	Anode Size 2" x 60"	Anode Type: Duriron	Size Bit: 6 3/4"							
Depth Drilled 380	Depth Logged 351	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used						
Anode Depth	# 1 295	# 2 285	# 3 255	# 4 245	# 5 235	# 6 225	# 7 215	# 8 205	# 9 185	# 10 175
Anode Output (Amps)	# 1 3.3	# 2 3.6	# 3 3.8	# 4 4.5	# 5 4.4	# 6 4.3	# 7 4.3	# 8 3.7	# 9 3.0	# 10 3.8
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	Volts 12.0		Amps 16.0		Ohms .75		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	

Remarks: DRILLED 380' LOGGED 351'. DRILLER SAID WATER AT 100 NOT ENOUGH FOR SAMPLE. INSTALLED 355' of 1" PVC VENT PIPE; PERFORATED BOTTOM 250'

CABLE ALREADY BILLED OUT

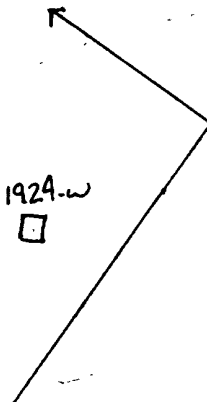
WILL NEED TO INSULATE FLANGE ON METER RUN OUT / ET

Rectifier Size: 40 V 16 A
 Add'l Depth: _____
 Depth Credit: 149'
 Extra Cable: _____
 Ditch & 1 Cable: _____
 Ditch & 2 Cable: _____
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: 1

4300.00 ✓
 900.00 ✓
 40.00 ✓
 - 521.50 ✓

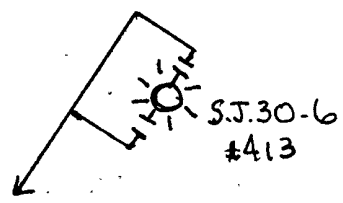
 4718.50
 235.93 ✓

 - 4954.43



All Construction Completed
Mark R. Williams
 (Signature)

GROUND BED



Handwritten notes: "Cable to be replaced" and "ground" with arrows pointing to the circuit diagram.

Handwritten note: "S.J. 30-6 #413" with an arrow pointing to the circuit diagram.

Handwritten note: "6260"



BURGE CORROSION SYSTEMS INC
 P. O. BOX 1359
 AZTEC, NEW MEXICO 87410
 DRILLING AND LOGGING LOG

192 400

JOB NUMBER 147
 WELL NAME S.N. 30-6 #417
 COMPANY NAME Meridian
 LEGAL DESCRIPTION 1/4 S23 T 30 R 7

HOLE DIAMETER 6 3/4 IN
 HOLE DEPTH 390 FT
 NUM OF ANODES 1
 WATER DEPTH 100 FT

DATE 1-5-97
 FINAL READING _____ VOLTS
 FINAL READING _____ AMPS
 FINAL READING _____ OHMS

HOLE DEPTH	SOIL TYPE	LOG AMPS	INITIAL AMPS	FINAL AMPS	HOLE DEPTH	SOIL TYPE	LOG AMPS	INITIAL AMPS	FINAL AMPS	HOLE DEPTH	SOIL TYPE	LOG AMPS	INITIAL AMPS	FINAL AMPS
5	Sandstone				245	//				485				
10	//				250	//				490				
15	//				255	//				495				
20	//				260	//				500				
25	//				265	//				505				
30	//				270	//				510				
35	//				275	//				515				
40	//				280	Sandstone				520				
45	//				285	//				525				
50	//				290	//				530				
55	//				295	//				535				
60	sl				300	//				540				
65	//				305	Sandy Shale				545				
70	water sand				310	//				550				
75	//				315	//				555				
80	//				320	//				560				
85	//				325	//				565				
90	//				330	//				570				
95	Sandstone				335	//				575				
100	//				340	//				580				
105	//				345	//				585				
110	water sand				350	//				590				
115					355	//				595				
120					360	//				600				
125	shale				365	//				605				
130					370	//				610				
135	//				375	//				615				
140	//				380	//				620				
145	//				385	//				625				
150	//				390	//				630				
155	//				395	//				635				
160					400	//				640				
165	Sandstone				405	//				645				
170					410	//				650				
175					415	//				655				
180					420	//				660				
185	shale				425	//				665				
190					430	//				670				
195					435	//				675				
200	Sandstone				440	//				680				
205					445	//				685				
210					450	//				690				
215					455	//				695				
220					460	//				700				
225	shale				465	//				705				
230					470	//				710				
235					475	//				715				
240					480	//				720				

MERIDIAN OIL

P. O. BOX 4289-Phone 327-0251
FARMINGTON, NM

Date 1-7-88

DEEP WELL GROUND BED LOG

Company Burgee

Well No. 413

Location K 23-30-7

Volts Applied 12.0

Amperes 16.0

Depth	Reading	Depth	Reading	Depth	Reading
5		230	2.5	455	
10		235	2.2	460	
15		240	2.1	465	
20		245	2.4	470	
25		250	2.4	475	
30		255	1.6	480	
35		260	1.2	485	
40		265	1.0	490	
45		270	1.0	495	
50		275	1.1	500	
55		280	1.1	505	
60		285	1.7	510	
65		290	2.1	515	
70		295	1.8	520	
75		300	1.3	525	
80		305	1.0	530	
85		310	1.1	535	
90		315	1.3	540	
95		320	1.0	545	
100		325	.8	550	
105		330	.9	555	
110		335	1.0	560	
115		340	1.1	565	
120		345	.9	570	
125		350	.9 70.351	575	
130		355		580	
135		360		585	
140		365		590	
145		370		595	
150	1.2	375		600	
155	1.2	380		605	
160	1.2	385		610	
165	1.2	390		615	
170	1.5	395		620	
175	2.5	400		625	
180	2.1	405		630	
185	1.8	410		635	
190	1.4	415		640	
195	1.2	420		645	
200	1.3	425		650	
205	2.0	430		655	
210	2.4	435		660	
215	2.2	440		665	
220	1.9	445		670	
225	2.6	450		675	
				680	① 295 - 2.1 - 3.3
				685	② 285 - 2.1 - 3.6
				690	③ 275 - 3.0 - 3.8
				695	④ 265 - 2.6 - 4.5
				700	⑤ 255 - 2.8 - 4.4
				705	⑥ 245 - 2.8 - 4.3
				710	⑦ 235 - 2.8 - 4.3
				715	⑧ 225 - 2.3 - 3.7
				720	⑨ 215 - 2.1 - 3.0
				725	⑩ 205 - 2.7 - 3.8
				730	
				735	
				740	
				745	
				750	
				755	
				760	
				765	
				770	
				775	
				780	
				785	
				790	
				795	
				800	
				805	
				810	
				815	
				820	
				825	
				830	
				835	
				840	
				845	
				850	
				855	
				860	
				865	
				870	
				875	
				880	
				885	
				890	
				895	
				900	