

1062

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67A-30-039-2225

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

Operator MERIDIAN OIL Location: Unit J Sec. 14 Twp 27 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #67A

cps 1727w

Elevation 6580' Completion Date 8/20/84 Total Depth 640' 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. 300' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: 7000 lbs.

Depths anodes placed: 600', 590', 580', 570', 560', 550', 540', 530', 520'

Depths vent pipes placed: 615'

Vent pipe perforations: 350'

Remarks: gb #1

Gb #1 & Gb #2

RECEIVED
MAY 31 1991

OIL CON. L
DIST. S

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.

1061

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67A- 30-029-22225

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

Operator MERIDIAN OIL Location: Unit J Sec. 14 Twp 27 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JAUN 28-6 UNIT #67A

cps 1727w

Elevation 6580' Completion Date 8/20/84 Total Depth 330' 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. 320'

Depths gas encountered: N/A

Type & amount of coke breeze used: 3300 lbs.

Depths anodes placed: 310'

Depths vent pipes placed: 330'

Vent pipe perforations: 100'

Remarks: gb #2

RECEIVED
MAY 31 1991
OIL CON. DIV. I
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

Drilling Log (Attach Hereto) ☐Completion Date 8-20-84

CPS #		Well Name, Line or Plant:		Work Order #		Static:		Ins. Union Check	
1727-W		S.J. 28-6 # 67A		57854-21-50-20		.85		☒ Good ☐ Bad	
Location:		Anode Size:		Anode Type:		Size Bit:			
		2x60"		DURIRON		6 3/4"			
Depth Drilled:		Depth Logged:		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
640'		615'				7000			
Anode Depth:									
# 1	600	# 2	590	# 3	580	# 4	570	# 5	560
# 6	550	# 7	540	# 8	530	# 9	520	# 10	310
Anode Output (Amps)									
# 1	2.75	# 2	1.80	# 3	2.70	# 4	3.12	# 5	3.15
# 6	2.30	# 7	2.40	# 8	2.52	# 9	3.15	# 10	2.85
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 11.7		Amps 13.2		Ohms .9					

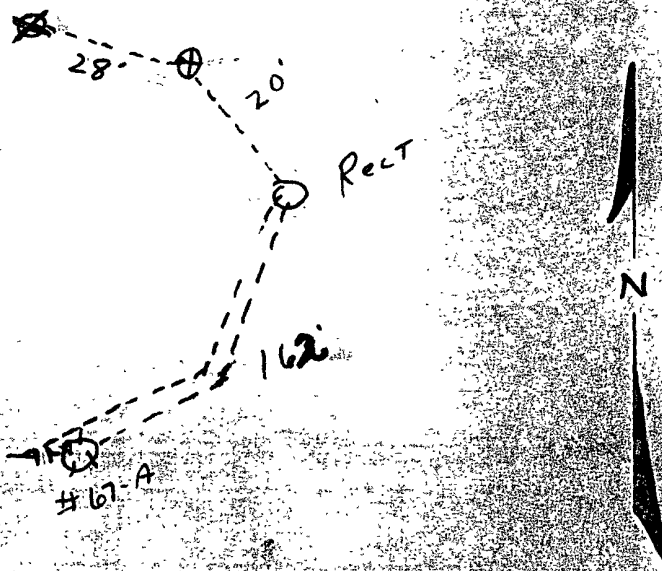
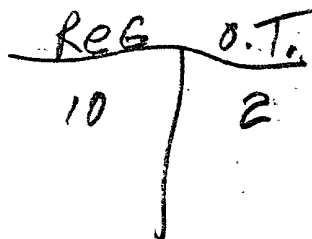
Remarks: 8-17-84 - DRILLER SAID WET AT 300'. WAITED 20 MINUTES, BLEW SOME WATER AND MUD OUT OF HOLE. DID NOT MAKE ENOUGH FOR WATER SAMPLE. DRILLED TO 520' HIT HARD STREAK, CAME OUT OF HOLE TO CHANGE BIT. LOGGED HOLE, NOT ENOUGH RT-ROD, WENT BACK IN HOLE DRILLED TO 640' LOADED 9 ANODES, HOLE BRIDGE BRIDGED AT 2' DRILLED #2 HOLE 340' DEEP. PUT #10 ANODE AT 310'. INSTALLED 615' OF 1" PVC VENT PIPE IN #1 HOLE PERFORATED 350' OF VENT PIPE. #2 HOLE 330' OF 1" PVC VENT PIPE PERFORATED 100' OF VENT PIPE. SLOTTED 3300 LB OF CO.

Rectifier Size: 40 V. 16 A
 Addn'l. Depth: 115'
 Depth Credit: _____
 Extra Cable: 179'
 Ditch & 1 Cable: 183' 210'
 25' Meter Pole: 1
 20' Meter Pole: _____
 10' Stub Pole: _____

Perforated 100' of VENT PIPE. SLOTTED 3300 LB OF CO.
 All Construction Completed

William Knight Jr.
 (Signature)

GROUND BED LAYOUT SKETCH



6580

Page #1
CPS #: 1722 W WELL NAME: SJ 28-6-67A LOCATION: SE14-27-6 DATE: 8-17-84

TOTAL VOLTS: TOTAL AMPS: OHMS RESISTANCE:
Static - 185

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			185			365	.50		545						
10			190			370	.55		550						
15			195			375	.80		555						
20			200			380	1.30		560						
25			205			385	1.10		565						
30			210			390	.80		570						
35			215			395	.60		575						
40			220			400	.50		580						
45			225			405	.40		585						
50			230			410	.40		590						
55			235			415	.40		595						
60			240			420	.40		600						
65			245			425	.40		605						
70			250			430	.50		610						
75			255			435	.50		615						
80			260			440	.50		620						
85			265			445	.50		625						
90			270			450	.55		630						
95			275			455	.50		635						
100			280			460	.50		640						
105			285			465	.50		645						
110			290			470	.50		650						
115			295			475	.65		655						
120			300	.60		480	.50		660						
125			305	.90		485	.80		665						
130			310	.95		490	.65		670						
135			315	.90		495	.60		675						
140			320	.80		500	.55		680						
145			325	.80		505	.70		685						
150			330	1.00		510	.65		690						
155			335	.95		515	.60		695						
160			340	.90		520			700						
165			345	.75		525			705						
170			350	.65		530			710						
175			355	.50		535			715						
180			360	.45		540			720						

REMARKS: DRILLER said water at 300' waited 20 minutes but we saw some water and mud out of hole. Did NOT get water sample. Drilled to 520' came out of hole to check bit logged hole.

WK

Page #2

CPS #: 1727-W WELL NAME: SJ 28-6 #67A LOCATION: SW 14-22-4 DATE: 8-20-84

TOTAL VOLTS: 12.0 TOTAL AMPS: 10.8 OHMS RESISTANCE: 1.1

STATIC .85

												ANODE READINGS			
DEEP	LOG ANODE NO.	DEEP	LOG ANODE NO.	DEEP	LOG ANODE NO.	DEEP	LOG ANODE NO.	DEEP	LOG ANODE NO.	DEEP	LOG ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5		185		365	.50	545	1.20					1	600	1.75	2.75
10		190		370	.60	550	1.10	6				2	590	1.10	1.80
15		195		375	1.25	555	1.35					3	580	1.55	2.70
20		200		380	1.20	560	1.25	5				4	570	1.90	3.12
25		205		385	.90	565	1.15					5	560	2.00	3.15
30		210		390	.70	570	1.20	4				6	550	1.65	2.30
35		215		395	.55	575	.85					7	540	1.62	2.40
40		220		400	.45	580	.75	3				8	530	1.72	2.52
45		225		405	.40	585	.85					9	520	1.70	3.15
50		230		410	.40	590	1.00	2				10	380		
55		235		415	.40	595	1.35								
60		240		420	.40	600	1.25	1							
65		245		425	.45	605	1.25								
70		250		430	.45	610	1.25								
75		255		435	.50	615	7.10								
80		260		440	.50	620									
85		265		445	.55	625									
90		270	Brk	450	.50	630									
95		275		455	.45	635									
100		280		460	.45	640									
105		285		465	.45	645									
110		290		470	.55	650									
115		295		475	.65	655									
120		300	50	480	.60	660									
125		305	50	485	.80	665									
130		310	.50	490	.65	670									
135		315	.65	495	.60	675									
140		320	1.25	500	.70	680									
145		325	1.20	505	.65	685									
150		330	1.15	510	.75	690									
155		335	1.05	515	.75	695									
160		340	.90	520	1.25	700		9							
165		345	.65	525	1.15	705									
170		350	.55	530	1.25	710		8							
175		355	.45	535	1.15	715									
180		360	.50	540	1.25	720		7							

REMARKS: On 8-20-84 went back in hole, drilled to 640' Come out of hole. Relined hole. Ran 9 Anodes and covered them with coke. Hole bridged at 220'. Ran 615' of 1" PVC Vent Pipe. Repaired 350' of Vent Pipe

WK

Page # 3

CPS #: 1727-W WELL NAME: S.J. 28-6 #67A LOCATION: SE 14-22⁶ DATE: 8-27-84

TOTAL VOLTS: 11.7 TOTAL AMPS: 13.2 OHMS RESISTANCE: 9

Hole # 2 for #10 Anode

												ANODE READINGS			
DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	DEEP	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5			185			365			545			10	310	2.20	2.85
10			190			370			550						
15			195			375			555						
20			200			380			560						
25			205			385			565						
30			210			390			570						
35			215			395			575						
40			220			400			580						
45			225			405			585						
50			230			410			590						
55			235			415			595						
60			240			420			600						
65			245			425			605						
70			250			430			610						
75			255			435			615						
80			260			440			620						
85			265			445			625						
90			270			450			630						
95			275			455			635						
100			280			460			640						
105			285			465			645						
110			290			470			650						
115			295			475			655						
120		—	300	2.35		480			660						
125			305	2.10		485			665						
130			310	1.75	10	490			670						
135			315	1.65		495			675						
140			320	1.90		500			680						
145			325	1.70		505			685						
150			330			510			690						
155			335			515			695						
160			340			520			700						
165			345			525			705						
170			350			530			710						
175			355			535			715						
180			360			540			720						

REMARKS: Drilled 340' logged 325' for #10 Anodes

Installed 330' of 1" PRC Vent Pipe Perforated 100' of Vent Pipe Sturried 3300 lbs coke breeze

WK

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher Craig Nelson

____ Company Supervisor

EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

SPS 1727 W
LEASE SE 14-27-6WELL NO. ⁶ SJ-28-67-A CONTRACTOR

RIG NO.

REPORT NO.

DATE 8-17-84-8-20 1984

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.
0	10	Shale	6 3/4		180	240	Shale			520	580	Sand		
10	40	sand			240	310	Sand			580	640 TO	Shale	6 3/4	
40	140	shale			310	340	Shale							
140	180	sand			340	520	Sandy Shale							

Driller Total Men In Crew				Driller Total Men In Crew				Driller Total Men In Crew			
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		
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		

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

Craig Nelson

Company Supervisor