

948 #50 30-039-07363
#160 30-039-20374
#406 30-039-24502

E

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

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 19 Twp 28 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #50, #160, #406

cps 1160w

Elevation 6608' Completion Date 7/12/77 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. 198'

Depths gas encountered: N/A

Type & amount of coke breeze used: 59 SACKS

Depths anodes placed: 470', 460', 450', -10', 400', 390', 375', 355', 345', 330', 315'

Depths vent pipes placed: 475'

Vent pipe perforations: 400'

Remarks: ggb #1

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.

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Handwritten signature/initials

Drilling Log (Attach Hereto) ☐ *400*

Completion Date *7-12-77*

Well Name: <i>SJ 28-6 #50 & #160</i>		Location: <i>SW 19-28-6</i>		CPS No. <i>1160W</i>	
Type & Size Bit Used: <i>6 3/4</i>				Work Order No. <i>52849 & 54898</i>	
Anode Hole Depth: <i>DRILL 600 LOG 494</i>	Total Drilling Rig Time	Total Lbs. Coke Used: <i>59 BAGS</i>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 <i>470</i>	#2 <i>460</i>	#3 <i>450</i>	#4 <i>410</i>	#5 <i>400</i>	#6 <i>390</i>
#7 <i>375</i>	#8 <i>355</i>	#9 <i>345</i>	#10 <i>330</i>		
Anode Output (Amps)					
#1 <i>2.0</i>	#2 <i>3.3</i>	#3 <i>2.8</i>	#4 <i>2.8</i>	#5 <i>3.2</i>	#6 <i>3.0</i>
#7 <i>3.1</i>	#8 <i>2.2</i>	#9 <i>3.8</i>	#10 <i>3.7</i>		
Anode Depth					
#11 <i>315</i>	#12	#13	#14	#15	#16
#17	#18	#19	#20		
Anode Output (Amps)					
#11 <i>1.3</i>	#12	#13	#14	#15	#16
#17	#18	#19	#20		
Total Circuit Resistance					
Volts <i>12.2</i>	Amps <i>10.1</i>	Ohms <i>1.2 Ω</i>			
No. 8 C.P. Cable Used			No. 12 C.P. Cable Used		

Remarks: *STATIC #50-600 SE = 0.83 — #160-600 NE = 0.83*
DRILLER SAID MAKE WATER AT 198' - DRILL TO 320 & LOG 311
DRILL TO 600 & LOG 494 - VENT TO 475 - PERF. 400
#1 ANODE DID NOT RESPOND TO COKE - INSTALL #11 ANODE
UNABLE TO FIND READING TO CORRESPOND WITH LOG.
ERROR POSSIBLE WITH INSTRUMENT OR MEASURING DEVICE -

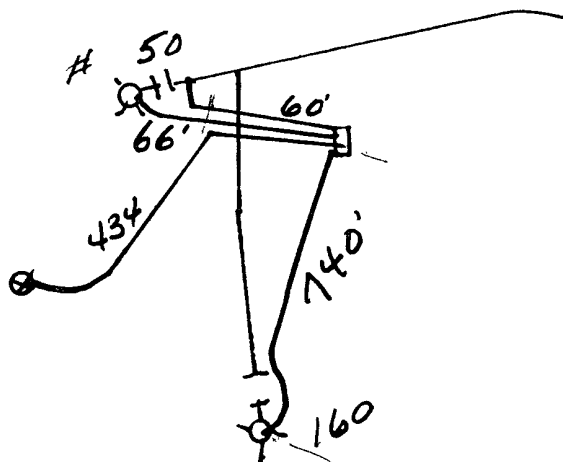
#1 & #11 ANODE IN #1 TERMINAL
DID NOT PAY FOR 11TH ANODE

All Construction Completed

Amels
(Signature)

GROUND BED LAYOUT SKETCH

INSTALL STUB POLE & 60-30 RECT.



DISTRIBUTION:

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

6608



DAILY DRILLING REPORT

LEASE					WELL NO. <i>1160W</i>					CONTRACTOR <i>O'Brian</i>					RIG NO.					REPORT NO.					DATE <i>7/12/77</i> 19				
MORNING										DAYLIGHT										EVENING									
Driller					Total Men In Crew					Driller <i>O'Brian</i>					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.					
BIT					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 <i>6 3/4</i>					SINGLES					SIZE					SINGLES				
TYPE					DOWN ON KELLY					TYPE <i>Rock</i>					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.							
FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN			FROM	TO	TIME BREAKDOWN																	
0	22	<i>Surface</i>			80	95	<i>Sandstone</i>			174	198	<i>Sandy Shale (Wet)</i>																	
22	35	<i>Sand</i>			95	97	<i>Shale</i>			198	255	<i>Shale</i>																	
35	40	<i>Shale</i>			97	141	<i>Sandstone</i>			255	270	<i>Sand</i>																	
40	43	<i>Sandy Shale</i>			141	155	<i>Shale</i>			270	320	<i>Sandy Shale</i>																	
43	75	<i>Shale</i>			155	160	<i>Sandy Shale</i>			320	440	<i>Sand</i>																	
75	80	<i>Dry Sand</i>			160	174	<i>Dry Sand</i>			440	540	<i>Shale</i>																	
REMARKS -				REMARKS -				REMARKS -																					
				<i>Making Water 198 ft</i>				<i>540 578 Sandy Shale</i>																					
				<i>Injected Water 280 ft</i>				<i>578 600 Shale</i>																					
				<i>Drilled hole 600 ft</i>																									
				<i>Logged hole 493</i>																									

SIGNED: Toolpusher _____ Company Supervisor _____