

30-045-07759

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. 35 Twp 29 Rng 8

Name of Well/Wells or Pipeline Serviced CENTRAL GROUND BED #3

HARDIE A #1 cps 866w

Elevation 6387' Completion Date 11/2/66 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. 100'

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

Type & amount of coke breeze used: 6840 lbs.

Depths anodes placed: 469', 457', 451', 442', 240', 226', 220', 191', 185', 179', 17'
167', 161', 110', 1'

Depths vent pipes placed: 442' OF 3/4" HOSE

Vent pipe perforations: 320'

Remarks: gb #2 RETIRED.

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

Date 11-2-66

Well Name <u>Hardie No. 1A, Jones No. 2, Jones No. 1</u>				CPS No. <u>113W</u>	
Location <u>Central Ground Bed #3</u>				Work Order No.	
Anode Hole Depth <u>520</u>	Total Drilling Rig Time <u>29 Hrs</u>	Type & Size Bit Used <u>7 7/8 98042-520</u>		No. Sacks Mud Used <u>8</u>	
No. Sacks Lost Circulation Mat'l Used <u>0</u>	Anode Depth				
	# 1 <u>467</u>	# 2 <u>457</u>	# 3 <u>451</u>	# 4 <u>442</u>	# 5 <u>240</u>
Total Lbs. Coke Used <u>6840</u>	Anode Output (Volts)				
	# 1 <u>2.6</u>	# 2 <u>3.9</u>	# 3 <u>3.1</u>	# 4 <u>2.0</u>	# 5 <u>4.0</u>
Total Circuit Resistance	No. Ft. Surface Cable Conduit				
Volts <u>10.8</u>	Amps <u>12.8</u>	Ohms <u>0.84</u>	<u>175' #2 Cable 4225 on Anodes #8</u>		
Drilling Log (Attach Hereto) ☐		7 <u>220</u>	8 <u>191</u>	9 <u>185</u>	10 <u>179</u>
		11 <u>173</u>	12 <u>167</u>	13 <u>161</u>	14 <u>110</u>
		15 <u>104</u>	16 <u>4.3</u>	17 <u>4.1</u>	
Remarks:		13 <u>2.3</u>	14 <u>3.3</u>	15 <u>3.4</u>	

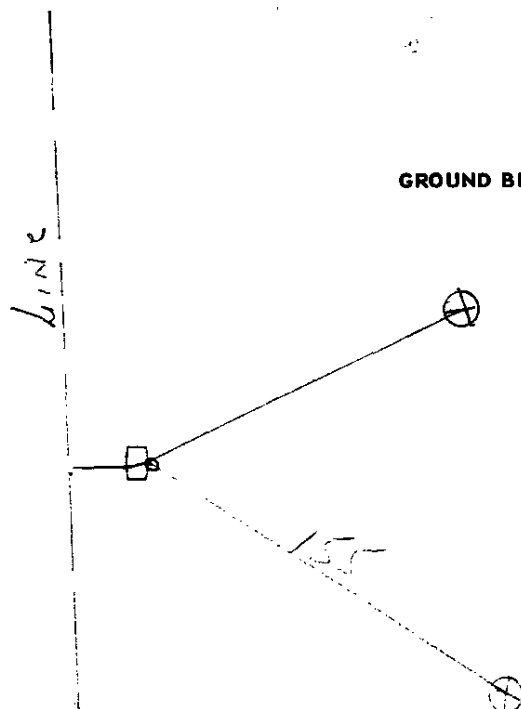
3/4" Hose to No. 4 Anode, Perforated 320'
15 lbs Borafos Added to Coke
175 lbs Calcium Chloride Added while Coking

All Construction Completed

Samuels

(Signature)

GROUND BED LAYOUT SKETCH



Retired



DAILY DRILLING REPORT

LEASE		MORNING		WELL NO. 113V		CONTRACTOR L. E. Wilson & Co. RIG NO. D8		REPORT NO.		DATE		19							
		DAYLIGHT																	
Driller W. O. Jones		Total Men In Crew 2		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	5	SAND			250	260	SANDSTONE												
5	15	SANDSTONE			260	275	SANDSTONE WITH SHALE LEDGES												
15	30	SHALE			275	300	SANDSTONE												
30	105	SANDSTONE			300	375	COAL												
BIT NO. 1		NO. DC 520		SIZE		LENG.		BIT NO.		NO. DC		SIZE		LENG.					
SERI 98042		STANDS		SIZE		LENG.		SERIAL NO.		STANDS		SIZE		LENG.					
SIZE 7/8		SINGLES		DOWN ON KELLY		TOTAL DEPTH		SIZE		SINGLES		DOWN ON KELLY		TOTAL DEPTH					
TYPE		DOWN ON KELLY		TOTAL DEPTH		MAKE		TYPE		DOWN ON KELLY		TOTAL DEPTH		MAKE					
MUD RECORD		MUD, ADDITIVES USED AND RECEIVED		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.					
FROM		TO		TIME BREAKDOWN		FROM		TO		TIME BREAKDOWN		FROM		TO		TIME BREAKDOWN			
105	110	SHALE			375	460	SANDSTONE			10-28-66	4 HOURS								
110	165	SANDSTONE			460	465	SANDSTONE WITH SHALE LEDGES			10-31-66	10 HOURS								
165	190	SHALE			465	475	SHALE & BENTONITE			11-1-66	10 HOURS								
190	210	SHALE WITH SANDSTONE LENSES			475	520	SANDSTONE			11-2-66	5 HOURS								
210	225	SANDSTONE								TOTAL HOURS	29								
225	250	SHALE																	
REMARKS -		REMARKS -		REMARKS -		REMARKS -		REMARKS -		REMARKS -		REMARKS -		REMARKS -		REMARKS -			
MOVED RIG TO NEW LOCATION & DRILLED 100' OF 4 3/4" AIR HOLE. WATER AT 100'. CHANGED TO WATER & DRILLED TO 100' WITH 7/8 BIT. CANS OUT OF HOLES & LEFT RIG AT 5:00 PM. 10-31-66		MOVED RIG TO NEW LOCATION & DRILLED 100' OF 4 3/4" AIR HOLE. WATER AT 100'. CHANGED TO WATER & DRILLED TO 100' WITH 7/8 BIT. CANS OUT OF HOLES & LEFT RIG AT 5:00 PM. 10-31-66		MOVED RIG TO NEW LOCATION & DRILLED 100' OF 4 3/4" AIR HOLE. WATER AT 100'. CHANGED TO WATER & DRILLED TO 100' WITH 7/8 BIT. CANS OUT OF HOLES & LEFT RIG AT 5:00 PM. 10-31-66		MOVED RIG TO NEW LOCATION & DRILLED 100' OF 4 3/4" AIR HOLE. WATER AT 100'. CHANGED TO WATER & DRILLED TO 100' WITH 7/8 BIT. CANS OUT OF HOLES & LEFT RIG AT 5:00 PM. 10-31-66		MOVED RIG TO NEW LOCATION & DRILLED 100' OF 4 3/4" AIR HOLE. WATER AT 100'. CHANGED TO WATER & DRILLED TO 100' WITH 7/8 BIT. CANS OUT OF HOLES & LEFT RIG AT 5:00 PM. 10-31-66		MOVED RIG TO NEW LOCATION & DRILLED 100' OF 4 3/4" AIR HOLE. WATER AT 100'. CHANGED TO WATER & DRILLED TO 100' WITH 7/8 BIT. CANS OUT OF HOLES & LEFT RIG AT 5:00 PM. 10-31-66		MOVED RIG TO NEW LOCATION & DRILLED 100' OF 4 3/4" AIR HOLE. WATER AT 100'. CHANGED TO WATER & DRILLED TO 100' WITH 7/8 BIT. CANS OUT OF HOLES & LEFT RIG AT 5:00 PM. 10-31-66		MOVED RIG TO NEW LOCATION & DRILLED 100' OF 4 3/4" AIR HOLE. WATER AT 100'. CHANGED TO WATER & DRILLED TO 100' WITH 7/8 BIT. CANS OUT OF HOLES & LEFT RIG AT 5:00 PM. 10-31-66		MOVED RIG TO NEW LOCATION & DRILLED 100' OF 4 3/4" AIR HOLE. WATER AT 100'. CHANGED TO WATER & DRILLED TO 100' WITH 7/8 BIT. CANS OUT OF HOLES & LEFT RIG AT 5:00 PM. 10-31-66		MOVED RIG TO NEW LOCATION & DRILLED 100' OF 4 3/4" AIR HOLE. WATER AT 100'. CHANGED TO WATER & DRILLED TO 100' WITH 7/8 BIT. CANS OUT OF HOLES & LEFT RIG AT 5:00 PM. 10-31-66	
LEFT YARD AT 6:00 AM. Picked up tank of water & arrived at 7:10 AM. Went in hole & cleaned out & finished down. Drilled to 305'. Left location at 12:00 PM. 11-1-66		LEFT YARD AT 6:00 AM. Picked up tank of water & arrived at 7:10 AM. Went in hole & cleaned out & finished down. Drilled to 305'. Left location at 12:00 PM. 11-1-66		LEFT YARD AT 6:00 AM. Picked up tank of water & arrived at 7:10 AM. Went in hole & cleaned out & finished down. Drilled to 305'. Left location at 12:00 PM. 11-1-66		LEFT YARD AT 6:00 AM. Picked up tank of water & arrived at 7:10 AM. Went in hole & cleaned out & finished down. Drilled to 305'. Left location at 12:00 PM. 11-1-66		LEFT YARD AT 6:00 AM. Picked up tank of water & arrived at 7:10 AM. Went in hole & cleaned out & finished down. Drilled to 305'. Left location at 12:00 PM. 11-1-66		LEFT YARD AT 6:00 AM. Picked up tank of water & arrived at 7:10 AM. Went in hole & cleaned out & finished down. Drilled to 305'. Left location at 12:00 PM. 11-1-66		LEFT YARD AT 6:00 AM. Picked up tank of water & arrived at 7:10 AM. Went in hole & cleaned out & finished down. Drilled to 305'. Left location at 12:00 PM. 11-1-66		LEFT YARD AT 6:00 AM. Picked up tank of water & arrived at 7:10 AM. Went in hole & cleaned out & finished down. Drilled to 305'. Left location at 12:00 PM. 11-1-66		LEFT YARD AT 6:00 AM. Picked up tank of water & arrived at 7:10 AM. Went in hole & cleaned out & finished down. Drilled to 305'. Left location at 12:00 PM. 11-1-66			

SIGNED: Toolpusher

Company Supervisor

Daniel