

30-045-13029

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

Operator MERIDIAN OIL Location: Unit SE Sec. 21 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #136

cps 883w

Elevation 6402' Completion Date 7/1/71 Total Depth 500' 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. 192' WET SAND, 210' WATER SAND

Depths gas encountered: N/A

Type & amount of coke breeze used: 7300 lbs.

Depths anodes placed: 445', 435', 425', 415', 405', 395', 345', 335', 265', 255'

Depths vent pipes placed: 445'

Vent pipe perforations: 286'

Remarks: qb #1

RECEIVED

MAY 31 1991

OIL CON. DIV
DIST

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

Logg
Completion Date 7/1/71

Drilling Log (Attach Hereto). ☐

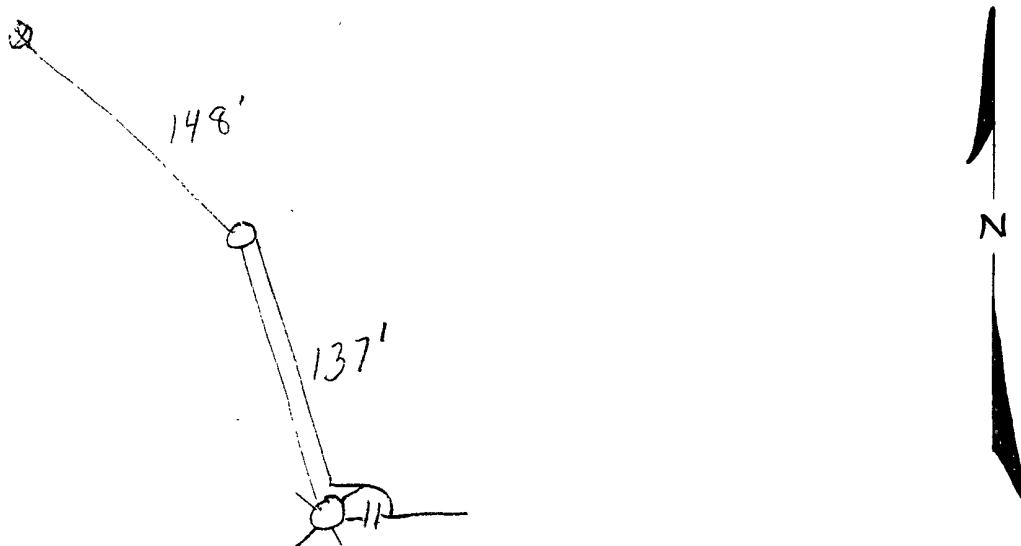
Well Name <u>Huerfano #136</u>		Location <u>SE 21-26N-9W</u>		CPS No. <u>883 W</u>																																																													
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>184-54316-19-50-26</u>																																																													
Anode Hole Depth <u>500'</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>7,300</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used																																																													
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Remarks: Static G/S 600' N = .73 Vent Hose Perforated 286' to
#1 Anode. Drilled To 440' logged Hole, not Enough Room
for Anodes. Drilled To 500' logged To 415' Driller clear
out Hole Pumped To 98' Completed By slurry

All Construction Completed

E. Paulk
(Signature)

GROUND BED LAYOUT SKETCH



DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher _____ Company Supervisor _____

DAILY DRILLING REPORT

LEASE

WELL NO. 136

CONTRACTOR Joe Moraw

RIG NO. 1

REPORT NO.

DATE 6-30

1971

MORNING					DAYLIGHT					EVENING				
Driller Moraw		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.

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.			
8:																	

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN
8:00	10:00	pulled out of hole logged to 412 ft. hole in good						
10:00	2:00	wait on back haul and clean out hole						

REMARKS -	REMARKS -	REMARKS -

SIGNED: Toolpusher Joe Moraw

Company Supervisor

Huerfano 136
CPS 883 W

Vent Hose Reel 286

MW	gas/mol
16	6.4
32	9.6
44	10.42
58	12.38
72	13.93
86	15.50
100	17.2
114	18.96
128	20.84
142	22.87

MW	gas/mol
44	5.38
58	5.17
72	4.16
86	3.38

			Depth	Water	Coke
190	1.28	60	.70	1 445	2.5
	.85		.72	2 435	2.4
200	.90	70	.74	3 425	2.7
	.90		.77	4 415	2.9
10	1.2	80	1.02	5 405	2.5
	1.02		.85	6 395	1.95
20	1.24	90	.91	7 385	2.3
	1.48	⑥	1.91	8 335	2.4
30	1.05	400	2.2	9 265	2.2
	.75	③	2.2	10 255	2.1
40	.80	10	2.3	12V	19.5A
	.85	④	2.2(2.6)		
50	1.25	20	2.4		
⑥	1.85	③	2.5	Anodes loaded in Perforated	
60	1.80	30	2.3	⑥	12V 19.5A
⑦	1.80	⑦	2.2	1. 1.80	6. 1.44
70	1.68	40	2.3	2. 1.62	7. 2.1
	1.77	⑦	2.6	3. 2.3	8. 2.1
80	1.65	50	2.8	4. 2.4	9. 1.9
	1.25		2.5	5. 2.1	10. 1.72
90	1.29	60	2.7		
	1.08		1.7		
300	.93	70	2.8	Bottom Anode + 10' = 470'	
	.95			D.T.P.H = 1.85' @ 10'/14	
10	.85	80		= 36.70 = 25' @ 1.50'	
	.75			Pay Total Depth 495'	
20	.67	90			
	1.37				
30	1.79	500			
⑧	1.84			Pumped 487 SHVols	
40	1.99			To 98' completed By S/L/S	
⑨	1.83				
50	1.63				
	.76				