District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Page 1 of 67

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Enterprise Field Services, LLC	OGRID: 241602
Contact Name: Thomas Long	Contact Telephone: 505-599-2286
Contact email:tjlong@eprod.com	Incident # (assigned by OCD) nAPP2303837689
Contact mailing address: 614 Reilly Ave, Farmington, NM 87401	

Location of Release Source

Latitude 36.474426

Longitude -107.907606

(NAD 83 in decimal degrees to 5 decimal places)

)

Site Name Huerfano Pumping Station	Site Type Natural Gas Liquids Pumping Station
Date Release Discovered: 02/03/2023	Serial Number (<i>if applicable</i>): N/A

Unit Letter	Section	Township	Range	County
L	21	26N	10W	San Juan

Surface Owner: State Federal Tribal Private (Name: **BLM**

laboratory analysis, site map and photographs are included with this "Final C-141."

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)					
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)					
	Is the concentration of dissolved chloride in the	Yes No					
	produced water >10,000 mg/l?						
Condensate	Volume Released (bbls): Estimated 1 BBLS of N	GLs ume Recovered (bbls): None					
🗌 Natural Gas	Volume Released (Mcf):	Volume Recovered (Mcf):					
Other (describe)	Volume/Weight Released (provide units):	Volume/Weight Recovered (provide units)					
Fire							
Cause of Release. On F	Eebruary 3 2023 Enterprise pipeline technicians were	clearing the Unit #3 at Huerfano Natural Gas Liquids					
Pumping Station through	the station knock out drum and flare stack. Heavy produ	ust accumulated at the flore base and was elected out of					
Pumping Station, through the station knock out drum and hare stack. Heavy product accumulated at the hare base and was ejected out of							
the flare in a partially ignited state. The small liquid fire landed on the ground within facility and the fire immediately went out on its own. No							
injuries occurred. No equipment was damaged. No emergency services responded. On February 6, 2023 Enterprise collected a composite							
sample from the ground surrounding the flare. I aboratory results indicated no contaminants of concern exceed NMOCD remediation							
standard base on the dep	th of aroundwater greater than 100 feet below ground si	Inface Supporting documentation including siting criteria					

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Thomas Long

Title: Senior Environmental Scientist

Date: 04-04-2023

Signature: Thomas Long

email: tilong@eprod.com

Telephone: (505) 599-2286

OCD Only

Received by:

Date:

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:	Nelson Velez	Date:	04/28/2023
Printed Name:	Nelson Velez	Title:	Environmental Specialist - Adv

N

5-Point Compsite Sample Location

SCALE: 1"=80'

40

80

160

Page 3 of 67

	and the second	and the second se	the second se	the second se
LEGEND:	FIGURE ENTERPRISE F HUERFANO UL L SECTIO 36.47442	1: SITE MAF FIELD SERV PUMPING S ON 21 T26 26, —107.90	CES, LLC TATION N R10W D7606	Enterprise Products
	DRAWN BY: TJLONG	DATE: 04-04-	-23	
	CHECKED BY: BSTONE	DATE: 04-04-	-23	
	APPROVED BY: BSTONE	DATE: 04-04-23		
	PROJ. ID: S	SCALE:	DRAWING NUMBER:	
Keleased to Imaging: 4/28/2023 1:36:34 PM	HUEREANOPS	1"=80'	1	



February 14, 2023

Thomas Long Enterprise Products Farmington 614 Reilly Ave. Farmington, NM 87401 TEL: FAX: Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

RE: Huerfano Pumping Station

OrderNo.: 2302270

Dear Thomas Long:

Hall Environmental Analysis Laboratory received 1 sample(s) on 2/7/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Project:

Lab ID:

Analytical Report Lab Order 2302270

Date Reported: 2/14/2023

	Hall	Environmental	Analysis	Laboratory,	Inc.
--	------	----------------------	----------	-------------	------

CLIENT: Enterprise Products Farmington

2302270-001

Huerfano Pumping Station

Client Sample ID: Flare Stack (Ground) Collection Date: 2/6/2023 12:45:00 PM Received Date: 2/7/2023 6:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride	ND	60	mg/Kg	20	2/11/2023 4:31:22 AM	73129
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	: RAA
Gasoline Range Organics (GRO)	550	47	mg/Kg	10	2/9/2023 2:22:15 PM	73058
Surr: BFB	111	70-130	%Rec	10	2/9/2023 2:22:15 PM	73058
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	2/10/2023 2:56:53 PM	73072
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	2/10/2023 2:56:53 PM	73072
Surr: DNOP	94.7	69-147	%Rec	1	2/10/2023 2:56:53 PM	73072
EPA METHOD 8260B: VOLATILES SHORT LIST	-				Analyst	RAA
Benzene	1.4	0.023	mg/Kg	1	2/8/2023 10:18:05 PM	73058
Toluene	14	0.47	mg/Kg	10	2/9/2023 2:22:15 PM	73058
Ethylbenzene	0.96	0.047	mg/Kg	1	2/8/2023 10:18:05 PM	73058
Xylenes, Total	15	0.93	mg/Kg	10	2/9/2023 2:22:15 PM	73058
Surr: 1,2-Dichloroethane-d4	123	70-130	%Rec	1	2/8/2023 10:18:05 PM	73058
Surr: 4-Bromofluorobenzene	114	70-130	%Rec	1	2/8/2023 10:18:05 PM	73058
Surr: Dibromofluoromethane	99.3	70-130	%Rec	1	2/8/2023 10:18:05 PM	73058
Surr: Toluene-d8	125	70-130	%Rec	1	2/8/2023 10:18:05 PM	73058

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix Н

- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range Reporting Limit

RL

Page 1 of 5

*

Client: Project:	Enter _] Huerf	prise Products Fa ano Pumping Sta	trmir tion	ngton							
Sample ID:	MB-73129	lk	TestCode: EPA Method 300.0: Anions								
Client ID:	PBS Batch ID: 73129				F	RunNo: 9 4	1561				
Prep Date:	ep Date: 2/10/2023 Analysis Date: 2/10/2023 SeqNo: 3418099 Units: mg/Kg										
Analyte		Result F	'QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-73129	SampType	e: Ics		Tes	tCode: EF	PA Method	300.0: Anions	;		
Client ID:	LCSS	Batch ID	: 731	29	RunNo: 94561						
Prep Date:	2/10/2023	Analysis Date): 2/ 1	10/2023	S	SeqNo: 3 4	18100	Units: mg/K	g		
Analyte		Result F	'QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	95.5	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 5

.

2302270

14-Feb-23

Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Enterprise Products Farmington

Project:	Huerfanc	Pumping	Station	l							
Sample ID:	MB-73014	Samp	Туре: МІ	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID:	PBS	Batc	h ID: 73	014	F	RunNo: 9 4	4502				
Prep Date:	2/6/2023	Analysis I	Date: 2/	9/2023	S	SeqNo: 34	415108	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		12		10.00		121	69	147			
Sample ID:	LCS-73072	Samp	Type: LC	s	Tes	tCode: EF	PA Method	8015M/D: Dies	el Range	Organics	
Client ID:	LCSS	Batc	h ID: 73	072	F	RunNo: 9 4	4521				
Prep Date:	2/8/2023	Analysis I	Date: 2/	10/2023	S	SeqNo: 34	416239	Units: mg/Kg	9		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Drganics (DRO)	53	10	50.00	0	105	61.9	130			
Surr: DNOP		5.4		5.000		109	69	147			
Sample ID:	MB-73072	Samp	Туре: МІ	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID:	PBS	Batch ID: 73072			RunNo: 94521						
Prep Date:	2/8/2023	Analysis I	Date: 2/	10/2023	S	SeqNo: 34	416240	Units: mg/Kg	9		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	ND	10								
Motor Oil Rang	e Organics (MRO)	ND	50								
Surr: DNOP		9.6		10.00		96.4	69	147			
Sample ID:	MB-73042	Samp	Туре: М	BLK	Tes	tCode: EF	PA Method	8015M/D: Dies	el Range	Organics	
Client ID:	PBS	Batc	h ID: 73	042	F	RunNo: 9 4	4502				
Prep Date:	2/7/2023	Analysis I	Date: 2/	9/2023	S	SeqNo: 34	416464	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		12		10.00		121	69	147			
Sample ID:	LCS-73042	Samp	Type: LC	s	Tes	tCode: EF	PA Method	8015M/D: Dies	el Range	Organics	
Client ID:	LCSS	Batc	h ID: 73	042	F	RunNo: 9 4	4502				
Prep Date:	2/7/2023	Analysis I	Date: 2/	9/2023	S	SeqNo: 34	416465	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		6.9		5.000		138	69	147			

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 3 of 5

Page 7 of 67

2302270

14-Feb-23

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Ent	erprise Product	s Farmir	ngton							
Project: Hue	erfano Pumping	Station								
Sample ID: LCS-73058	Samp	Type: LC	S4	Tes	TestCode: EPA Method 8260B: Volatiles Short List					
Client ID: BatchQC	Bato	Batch ID: 73058			RunNo: 94486					
Prep Date: 2/7/2023	Analysis	Date: 2/8	8/2023	5	SeqNo: 34	414319	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.9	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	0.97	0.050	1.000	0	96.9	80	120			
Xylenes, Total	3.0	0.10	3.000	0	102	80	120			
Surr: 1,2-Dichloroethane-d4	0.61		0.5000		123	70	130			
Surr: 4-Bromofluorobenzene	e 0.56		0.5000		112	70	130			
Surr: Dibromofluoromethane	e 0.55		0.5000		111	70	130			
Surr: Toluene-d8	0.53		0.5000		106	70	130			
Sample ID: mb-73058	Samp	Туре: МЕ	BLK	Tes	tCode: EF	PA Method	8260B: Volati	les Short	List	
Client ID: PBS	Bato	Batch ID: 73058			RunNo: 94486					
Prep Date: 2/7/2023	Analysis	Date: 2/8	8/2023	S	SeqNo: 34	414320	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.60		0.5000		121	70	130			
Surr: 4-Bromofluorobenzene	e 0.60		0.5000		120	70	130			
Surr: Dibromofluoromethane	e 0.54		0.5000		108	70	130			
Surr: Toluene-d8	0.54		0.5000		109	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

Page 4 of 5

2302270

14-Feb-23

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Enter	prise Products	5 Farmir	ngton							
Project: Huerf	ano Pumping	Station								
Sample ID: LCS-73058	SampT	ype: LC	S	Tes	stCode: E	PA Method	8015D Mod:	Gasoline R	lange	
Client ID: LCSS	Batch	n ID: 730	058	F	RunNo: 9 4	4486				
Prep Date: 2/7/2023	Analysis D	Date: 2/3	8/2023	Ş	SeqNo: 34	414303	Units: mg/k	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	70	130			
Surr: BFB	580		500.0		116	70	130			
Sample ID: mb-73058	SampT	уре: МЕ	BLK	Tes	stCode: E	PA Method	8015D Mod:	Gasoline R	lange	
Client ID: PBS	Batch	n ID: 73(058	F	RunNo: 9 4	4486				
Prep Date: 2/7/2023	Analysis D	Date: 2/3	8/2023	S	SeqNo: 34	414304	Units: mg/k	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	570		500.0		114	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

.

2302270

14-Feb-23

ENVIRON ANALYSIS LABORAT	Ha TE	ll Environme L: 505-345-3 Website: ww	ntal Analysis Lo 4901 Ha Albuquerque, N 3975 FAX: 505 w.hallenvironma	iboratory wkins NE IM 87109 845-4107 ental.com	San	ample Log-In Check List			
Client Name: Ent Fai	terprise Pr rmington	oducts	Work	Order Num	ber: 2302270			RcptNo: 1	
Received By: Ju	uan Rojas		2/7/202	3 6:50:00 A	M	4	and g		
Completed By: Tr	racy Casa	rubias	2/7/202	3 8:56:00 A	M				
Reviewed By:	2-7-	23							
Chain of Custod	ly								
1. Is Chain of Custor	dy complei	te?			Yes 🗹	I	No 🗌	Not Present	
 How was the sam 	iple deliver	ed?			<u>Courier</u>				
Log In 3. Was an attempt n	nade to co	ol the sampl	es?		Yes 🗹	I	No 🗌	NA 🗍	
4. Were all samples	received a	t a temperat	ure of >0° C	to 6.0°C	Yes 🗹	I	No 🗌		
 Sample(s) in prop 	er containe	er(s)?			Yes 🗹	I	No 🗌		
3. Sufficient sample	volume for	indicated te	st(s)?		Yes 🗹	٢	10 🗌		
7. Are samples (exce	ept VOA ar	nd ONG) pro	perly preserve	ed?	Yes 🔽	٨	lo 🗌		
 Was preservative a 	added to b	ottles?			Yes 🗌	Ν	ło 🗹	NA 🗌	
). Received at least ?	1 vial with	headspace <	<1/4" for AQ \	/OA?	Yes	٢	10 🗌	NA 🗹	
0. Were any sample	containers	received br	oken?		Yes 🗆	ז	No 🗹	# of preserved	
1. Does paperwork m	natch bottle	e labels?			Yes 🗹	٨	10 🗆	for pH:	
2. Are matrices corre	ctly identif	ied on Chair	of Custody?		Yes 🗹	٨	lo 🗌	Adjusted?	
3. Is it clear what ana	alyses were	e requested?	?		Yes 🗹	N	10 🗌		
4. Were all holding tir (If no, notify custor	mes able to mer for aut	o be met? horization.)			Yes 🗹	N	10 🗆	Checked by: 91-217123	
pecial Handling	<u>(if appli</u>	cable)							
5. Was client notified	d of all disc	repancies w	vith this order?	?	Yes 🗌	I	No 🗆	NA 🗹	
Person Noti	fied:			Date	: [
By Whom:				Via:	🗌 eMail 🛛] Phone	Fax	In Person	
Client Instru	Ictions:					A set from the set			
6. Additional remark	(S:								
7. Cooler Informati	ion								
Cooler No T	emp °C	Condition	Seal Intact	Seal No	Seal Date	Signe	ed By		
1 0.7	7 (Good	Yes	MORTY					
Page 1 of 1									

Received by OCD: 4/4/2023 1:30:39 PM

Page 10 of 67

A 1
and the second second
- '
00
1.1.1
<u>.</u>
0
00
1.1.4
-
\sim
-
24
0
-
5 M
-
7
-
-
and the second s
_
- C - S
\mathbf{O}
\sim
00
00
v 00
by OC
by OC
I by OC
d by OC
ed by OC
ved by OC
ived by OC
eived by OC
eived by OC
ceived by OC
eceived by OC

Received I Client:	OCD: 44/2023 1:30:39 PM ain-of-Custody Record Arrest 6 ILI Reilly Are. Adress: 7 Adress: 7	Turn-Around Time: Turn-Around Time: Existendard Project Name: Project Name: Project Manager: Project #: Project Wanager: Project #: Project #: Project #: Project #: Project Manager: Project #: Project Manager: Pande Pande Pande Pande Pande Pande Pande Pande Pande Pande	Part I TRIX (1400) BTEX / ITRX (1400) BTEX / ITRX (1400) BTEX / ITRX (1400) BTEX / ITRX (1400) Part I TRX (1400)
Date: ZULA	409 Whans Jarg me: Relipidished by: &V3 / h / Mr	Received by Via: Date Time	Paykey: Em
Released t	ecessary, samples submitted to Hall Environmental may Imaging: 4/28/2023 1:36:34 PM	subcontracted to other accredited laboratories. This serves as notice of thi	is possibility. Any sub-contracted data will be clearly notated on the analytical report.

Keleased to Imaging: 4/28/2025 1:50:54 PM

Site Photography Enterprise Field Services, LLC Huerfano Pumping Station UL L Section 21 T26N R10 ; 36.474426, -107.907606 San Juan County, New Mexico





Photo 1: View of the composite sample aliquots.

Huerfano Pump Station Release (February 2023)

CLOSURE CRITERIA

The Site is subject to regulatory oversight by the New Mexico EMNRD OCD. Ensolum, LLC (Ensolum) referenced New Mexico Administrative Code (NMAC) 19.15.29 *Releases*, which establishes investigation and abatement action requirements for oil and gas release sites that are subject to reporting and/or corrective action, during the evaluation and remediation of the Site. The appropriate closure criteria for sites are determined using the siting requirements outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC. Ensolum utilized the general site characteristics and information available from NM state agency databases and federal agency geospatial databases to determine the appropriate closure criteria for the Site. Supporting figures and documentation associated with the following Siting bullets are Attached.

- The NM Office of the State Engineer (OSE) tracks the usage and assignment of water rights and water well installations and records this information in the Water Rights Reporting System (WRRS) database. Water wells and other points of diversion (PODs) are each assigned POD numbers in the database (which is searchable and includes an interactive map). No PODs were identified in the same nor adjacent Public Land Survey System (PLSS) sections (See attached documentation).
- Twenty-four cathodic protection wells (CPWs) were identified in the NM EMNRD OCD imaging database in the same PLSS section as the Site and in adjacent sections. The six closest CPWs are depicted on the attached map. Documentation for the cathodic protection well located near the Huerfanito Unit #195 well location indicates a depth to water of approximately 172 feet bgs. This cathodic protection well is located approximately 0.53 miles northeast of the Site and is approximately 4 feet lower in elevation than the Site. Documentation for the cathodic protection well located near the Huerfanito Unit #207 well location indicates a depth to water of approximately 130 feet bgs. This cathodic protection well is located approximately 0.39 miles west of the Site and is approximately 22 feet lower in elevation than the Site. Documentation for the cathodic protection well located near the Huerfanito Unit #196 well location indicates a depth to water of approximately 85 feet bgs. This cathodic protection well is located approximately 0.64 miles southeast of the Site and is approximately 52 feet higher in elevation than the Site. Documentation for the cathodic protection well located near the Huerfanito Unit #218E well location indicates a depth to water of approximately 160 feet bgs. This cathodic protection well is located approximately 0.66 miles southwest of the Site and is approximately 2 feet lower in elevation than the Site. Documentation for the cathodic protection well located near the Huerfanito Unit #202 well location indicates a depth to water of approximately 160 feet bgs. This cathodic protection well is located approximately 0.66 miles south of the Site and is approximately 42 feet higher in elevation than the Site. Documentation for the cathodic protection well located near the Huerfanito Unit #197E well location indicates a depth to water of approximately 160 feet bgs. This cathodic protection well is located approximately 0.91 miles southeast of the Site and is approximately 83 feet higher in elevation than the Site.
- The Site is not located within 300 feet of a NM EMNRD OCD-defined continuously flowing watercourse or significant watercourse.
- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.
- The Site is not located within 300 feet of a permanent residence, school, hospital, institution, or church.

Huerfano Pump Station Release (February 2023)

- No springs, or private domestic freshwater wells used by less than five households for domestic or stock watering purposes were identified within 500 feet of the Site.
- No freshwater wells or springs were identified within 1,000 feet of the Site.
- The Site is not located within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to New Mexico Statutes Annotated (NMSA) 1978, Section 3-27-3.
- Based on information identified in the U.S. Fish & Wildlife Service National Wetlands Inventory Wetlands Mapper, the Site is not within 300 feet of a wetland (**See attached Wetlands map**).
- Based on information identified in the NM Mining and Minerals Division's Geographic Information System (GIS) Maps and Mine Data database, the Site is not within an area overlying a subsurface mine (**See attached Mines map**).
- The Site is not located within an unstable area per Paragraph (6) of Subsection U of 19.15.2.7 NMAC.
- Based on information provided by the Federal Emergency Management Agency (FEMA) National Flood Hazard Layer (NFHL) geospatial database, the Site is not within a 100-year floodplain.

Based on this information, this appears to be a Tier 2 or Tier 3 site.



New Mexico Office of the State Engineer Water Column/Average Depth to Water

No records found.

PLSS Search:

Section(s): 21, 15, 16, 17, Township: 26N Range: 10W 20, 22, 27, 28, 29

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

U.S. Fish and Wildlife Service National Wetlands Inventory

Wetlands



Other

Riverine

Freshwater Forested/Shrub Wetland

Freshwater Pond

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Released to Imaging: 4/28/2023 1:36:34 PM

National Wetlands Inventory (NWI) This page was produced by the NWI mapper

KNOB 5 12 NGLES EAK JAQUES CANYON HUERFANITC PEAK rfano 6765 ft REED CANYON 6434 ft GALLEGOS CANYON 6804 ft 7479 ft GALLEOS CANYON BISTI OIL FIELD 6674 ft 6605 ft

Mines

2/15/2023, 11:54:39 AM



Esri, NASA, NGA, USGS, New Mexico State University, San Juan County, NM, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA

-

· · · · · · · · · · · · · · · · · · ·
30-045-20265
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. ¹⁵ Twp ²⁶ Rng ¹⁰
Name of Well/Wells or Pipeline Serviced <u>HUERFANO UNIT #176</u>
cps 969w
Elevation_6631 Completion Date 9/5/75 Total Depth 325' Land Type* N/A
Casing, Sizes, Types & DepthsN/A
If Casing is cemented, show amounts & types used <u>N/A</u>
If Cement or Bentonite Plugs have been placed, show depths & amounts used
Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 150' DECENTER
Depths gas encountered: N/A MAY 31 1951
Type & amount of coke breeze used: 3000 lbs
Depths anodes placed: 285', 275', 250', 240', 230', 220', 190', 180', 170', 16
Depths vent pipes placed:N/A
Vent pipe perforations: 200'
Remarks: gb #1

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.

30-045-20401

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

Operator <u>MERIDIAN OIL</u> Location: Unit <u>NW</u> Sec. <u>15</u> Twp <u>26</u> Rng <u>10</u>
Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #119
cps 968w
Elevation <u>6681</u> Completion Date <u>8/25/75</u> Total Depth <u>600</u> Land Type* N/A
Casing, Sizes, Types & DepthsN/A
If Casing is cemented, show amounts & types used N/A
If Cement or Bentonite Plugs have been placed, show depths & amounts used
Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 460'
Depths gas encountered: N/A MAY311991
Type & amount of coke breeze used: 5500 1bs.
Depths anodes placed: 540', 530', 520', 510', 485', 475', 465', 440', 430', 420
Depths vent pipes placed: N/A
Vent pipe perforations: 200'
Remarks: gb #1

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.

Page 20 of 67

3929 30-045-26279

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 H Sec. 15 Twp 26 Rng 10
Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #176E
cps 1847w
Elevation <u>6655'</u> Completion Date 9/14/87 Total Depth 420' Land Type* N/A
Casing, Sizes, Types & DepthsN/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:
Froch Close Calter Culabur Etc.
riesh, clear, Salty, Sulphur, Etc. <u>240</u>
Depths gas encountered: N/A
Type & amount of coke breeze used: N/A
Depths anodes placed: 380', 370', 360', 350', 340', 330', 320', 310', 295', 285'
Depths vent pipes placed: N/A DEGRIVE
Vent pipe perforations: 200' MAY31 1991
Remarks: (gb #1 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.

FM-07-0223 (Hev. 10-42)

.

HELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT Page 21 of 67

CQN4P 5-87

Drilling Log (Attach H	e-e10)		95-3	7101	Completion	Date 2-1	4-87
CPS #	Tell Name, Line of Plant:		Work Order #	Static:0		Ins Union Checi	6
	Hur, Frind	176 E			C W		
184700	j 					L2 (2004	L 584
			<u> </u>	1	·		••••••
H=15-26	- 10 Prode Sile	ENI Ling	icn		, 11		į
Depth Drulea . 420	Depin Lorger	Drilling Rig Time	Total Lbs. Goke Uses	Lost Care	ation Mar I Cied	No. Sacka Mudi	GG 55
Ancae Seata	370 360	3501,5	340 33	201,33	01,31	01, 295	
Anode Culput (Amps)	57.261	1. 6. 5 h.	6.2 4.5	7 . 1.5	7 6 6	م میں اور میں اور میں اور میں میں اور میں	
Anode Septn	<u></u>			/ */			a 10-3
z 11 z 12	<u> 2 13</u>	2 14 2 15	≈ 16	a 17	<u> </u> # 18	# 19	# 20
2 11 2 2	a 13		 # 16	t 4 17	¦≖ 18	 #_19	, # 20
Total Circuit Resist Volts 11, 7		8 Ohma - 5	110. 8 C.F.	Caple Useq		No. 2 C.F. C	oble Used
	1/2: 50.0	iso ter		- 4 .0	401	wate	<u>^</u>
Remarks: <u>4/1</u>		ta ten	Je od a	· · · · ·			6.2
<u> </u>		<u>-1 2000 0</u>		<u>pe 1</u>	5 7.01		
AP te	220				<u></u>		
<u>,</u>							
•							
Rectifier Size:	0 v	A 4300-					
Addn 1 Depth		- 364.			All Cons	truction Complet	led
Depth Credit:	2-7 /	_ ۲۶۶۵ _			1 1	0 1	
Dirch & Cables	7 7	7,50/		The second secon	may -	mith	
Ditch & 2 Cab	le. 150 .		· ·		9	(Signature)	
25' Meter Pol	e:	- 33.20'	/				
201 Heter Pol	e:						•
10' Stub Pole	:		۰.				1
Junction Box:					•		>
	4753	. 3 3			5		
	Tx ====11,	17		1			
	·····			المترضية المستعد المستع			
	773-	/ S 0*		T			
				N,			N
				1	, (,		1
			160				
			<u>n : </u>	"			
		Ň	171				1
			the second s				
			(<u> </u>		1,65		
Released to Imagin	g: 4/28/2023 1:36:34	PM			Ver		

Received by OCD: 4/4/2023 1:30:39 PM

. .



. . .

. .

BURGE CORROSION SYSTEMS, INC.

7

. . .

		P.O. BOX 1359 - PH AZTEC, NEW ME	HONE 334-6141 EXICO 87410		1			
				CAS	1847W			
COMPANY Meric	lian	DAIL	Y DRILLING REPORT	9-14 19 87				
WELL NAME:	, ,	WELL NUMBER:	SECTION:	TOWNSHIP:	RANGE:			
Huerfano		176 E	15	26 N	10 W			
240	WATER AT:	FEET:	HOLE MADE:	420 ft.				
		DESCRIPTION OF	FORMATION		·····			
FROM	то		FORMATION IS		COLOR			
0	30	5	and		tan			
30	70	5	and Stone		tan			
	160		shale		Grey-fulple			
160	22-0		andstone		Grey			
	240	И	rater Sand		Grey			
240	260		andstone		Urey			
260	920		Shq le		Purple			
		<u> </u>						
	-							
		·						
				· · ·				
		· · · · · · · · · · · · · · · · · · ·						
	Water Sama	te at 241	· <i>K</i> +-		1			
REMARKS:	in the second		11					
	•							

Brant Sum

Tool Dresser

30-045-05829
DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS NORTHWESTERN NEW MEXICO (Submit 3 copies to OCD Aztec Office)
Operator <u>MERIDIAN OIL</u> Location: UnitSE Sec. 16 Twp 26 Rng 10
Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #117
cps 971w
Elevation <u>6582</u> Completion Date <u>9/5/75</u> Total Depth <u>350'</u> Land Type* <u>N/A</u>
Casing, Sizes, Types & DepthsN/A
If Casing is cemented, show amounts & types used N/A
If Cement or Bentonite Plugs have been placed, show depths & amounts used
Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 170'
Depths gas encountered: N/A MAY 31 1991
Type & amount of coke breeze used: 3400 1bs. OL CON.
Depths anodes placed: 310', 300', 290', 280', 270', 240', 230', 220', 210', 200
Depths vent pipes placed: N/A
Vent pipe perforations: 200'
Remarks: gb #1

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.

-

30-045-20407

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

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.

ed by <u>OC</u>	4/1/00	3/1;30;29 PM-	30-	045-	- 0	26232		Page 26
		, , , , , , , , , , , , , , , , , , ,						
			~					
		DATA SHE	ET FOR DE N (Submit	EP GROUND NORTHWESTE 3 copies	BED RN NE to OC	CATHODIC W MEXICO D Aztec	PROTECT: Office)	ION WELLS
Ope	rator	MERIDIAN	OIL INC.		_ Loc	ation: U	nit <u>N</u> See	2.16 Twp 26 Rng
Nam	e of	Well/Well:	s or Pipe	eline Serv	iced_	HUERFA	NO UNIT #1	94E
					_			cps 185
Ele	vatio	n6564' Com	pletion D	Date 9/16/8	7 То	tal Dept	n 420'	Land Type* N/A
Cas	ing.	Sizes. Tvi	Des & Der	oths		- 20' OF	CASING	
							<u> </u>	
If	Cemen	t or Bento	onite Plu	ıgs have b	een p	laced, s	how deptl	ns & amounts us
Dep	ths &	thickness	s of wate	r zones w	ith d	escripti	on of wat	er when possil
Fre	sh, C	lear, Salt	ty, Sulph	ur, Etc.		120'	SAMPLE TA	KEN
			-	· _				
Dep	ths g	as encount	tered:	N/A		·		
- Tvp	e & a	mount of d	coke bree	ze used:		N/A	<u></u>	
Dep	ths a	nodes plac	ed:375',	365', 355',	345',	335', 325	5', 315', 3	305', 295', 280'
Den	ths v	ent pipes	placed.	N/A		n r	REIV	
, Von	t nin	e perforat	rione.	320'			₩- <u>16-1</u> -17-1	
Ven	e brb	cob~#1				MA	Y31 1991.	
\bigwedge^{Kem}	arks:	(80 #1					CON. DI	∀.
							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.

Received by OCD: 4/4/2023 1:30:39 PM

.

FM-07-0238 (Rev. 10-82)

4

WELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT DAILY LOG

I

Page 27 of 67

V .

Drilling Log (Attach Her	reto)		35	29401 C	mpletion D2	ite <u>9-16</u>	5-87
CPS #	Well Name, Line or Plant:		Work Order #	Statie		Ins. Union Check	
185400	Huer Fano	194E		83	· /Y	Good	C Bad
Location: 5-0-16-26	TO D'X6	O" Duri	ron	Size Bit: 3/4	, 11 ,		2
Depth Drilled 420	Depth Logged	Deilling Rig Time	Total Lbs. Goke Used	Lost Circulation	Mat'l Used	No. Sectis Mud Use	564
Anode Depth # 1 $-375 = 2$	365 - 355	# 4.345 # 5	335 * 6 32	5 = 315	* 8.305	" , 295	* 10280
Anode Output (Amps) # 1 5 - 6 = 2	a 4 = 3 C · G	- 4 5.5 = 5	6.3 = 6 6 . 3	5 = 7 5.7	1 8 865	* 96-2	# 10 5·7
Anode Depth # 11 # 12	# 13	# 14 # 15	# 16	z 17	' ¹ ≭ 18	# 19	# 20
<pre># 11</pre>	;# 13	a 14 a 15	# 16	# 17	z 18	# 19 ₩ 19	# 20
Volts // 6	Amps 21. 12	Chms - 5	5		· ·		
Remarks: Dr. 1	ler said	water	weit a	+ 12	01.00	nt p	ipe
15 peri	fanatea	2 up to	0 100!	<u>Set 3</u>	20' 07	+ 005	ing
due to	blow so	ind. A	to la la	of 13	5 min	utes	5
casing	o fime						
			<u></u>				
					· · · · - · - · - · - · - · · - · · - · · - · · - · · - · · - · · - · · · - · · · - ·	- , <u></u>	
Rectifier Size: <u>4</u> Addn'l Depth	<u> </u>	$\frac{\Lambda}{-352}$	J		All Construct	tion Completed	t
Depth Credit: Extra Cable:	<u> </u>	7,50	2 1	X	mak	Init	Þ
Ditch & 1 Cable: Ditch & 2 Cabl	e: <u>85'</u>	4,29			(Sig	nature)	·
25' Heter Pole 20' Heter Pole	·····						
10' Stub Pole: Junction Box:	4000		- 1				1
201 Lig PVL	440.00	Ą	85 = = = =				
(9 4 22.00 -	41033.19 231.70	0====					/
	4.865.69		jj				N

1

1

6304

- - - .

Received by OCD: 4/4/2023 1:30:39 PM

•

4

•

Received by	O _. CL): 4/	/4/20	23 1.	:30:.	39 F	PM	•	••		`4E	RI	DI	AN	0	IL				•			•			-		P	ige	28 0	of 6	7
•	·				•		,	P	. 0.	BC)X 4 24 RH	428 UTN	9-1 ст	hor אר	ie 3 NM	527	7-025	1		Da	te	9		16-	8	7		:			•	• •
								D	EEP	W	EL	L	GR		ND	BE	ED L	.00	3.			للہ		· .		•	• •	č		· · ·	· ·	= 1
	Q	ome	עמסכ		1	<u> </u>	110	21	0		17 5	1	(0	Ś,	, ⁻ .	01	7			· .			· ·	-							_
· .	· w	eii	No	19	4	Ē		loc	ation:	L	10	يم	1	Fo	n	C	<u> </u>			Voi	its A	ppl	ied 4	11. 4	د.		. Ar	ספת	185	2	1	2
	9		T					Т	230	7,1	4		1		1	T	455	D	オ	7	51	T	31	A80	5	6		Ť	T	T	T	7
	э 10								235	7.	2						460	3	3	6	5		3.2	685		Ŷ	-	•	土			
	15						+	4	240	2,	칡			-+-	+	4	465	$\frac{3}{6}$	3	5	5	1	30	690	6	6		_	4	╇	<u> </u>	4
	20						+	_	245 250	11 1				-+	╋	+	470	2	.5 Z	<u>7</u> 3	긝	-	29	695	5	5		+	+	╇	+	-
	23			╋			-†-	-	255	5	7			-	$\frac{1}{2}$	+	4/3	Č)	3	2	5	+	2 C	700		-7 -3		-+	╉	╉	╈	-
	30								260	2	Ģ						485	D	3	1	5	4	29	710	Ś	2				T		
	40								265	2	5			¥	1		490	8	,3		5		3. 2	715	Ł	2	-		_	1		
	45	_			┝			_	270	5	4			\rightarrow	+		495 (ちて	2	긹			28	720	C.	2		\dashv	-+	+	+	4
	50	\vdash	-+	+	\square			-	275	1		-		-4	12	7	500	2	9	2	4		~ 7	725	2	4		-+	╉	╈	╉	-
	55 1 60							-	285	,7,	4	-		+	Ť		510				+	+		730					+	\uparrow	+	<u> </u>
	65								290	7	5						515							740					\Box	\bot		
	70				-				295	2	5				42	4	520				\downarrow	4	\square	745					\dashv	+	+	_
	75	┡	┝╌┠		$\left - \right $	┝╌╢			300	215	7						525				+	+		750	\vdash	<u> </u>		-	\dashv	╉	╉	<u> </u>
	80							┥	305	2	7					4	530				+	+	+	760					+	╈	╉	,
	85 90	<u> </u>	┟╸╋	╈			•		315	2	5		J		C	2	540				-+	1		765	Ċ		·		1	1		
	95								320	2,	5			J	-		545			_	_			770					\square	\bot	1	
	100	1.	5	\perp				_	325	2	5				K	4	550				-	+		775	_				\dashv	+	_	
•	105	4	17	+	┼─	$\left \right $		\neg	330	2,	4				-	ᆔ	555	\vdash			-+	+	+	780					╉	+	╉	
	110	5	17		┼╴			┥	335 340	2	5				7	4	565					-+		785	\vdash	-			╉	+	╉	
	120	5	17		\uparrow				345	,7,	5				- 6	2	670					1		795								_
	125	7,	2						350	17,	2						575							800					\dashv	·	4	_
	130	2	2					_	355		5	[-6	4	580 -	\vdash				_	+	805	\vdash				\dashv	4	+	-
	135	5	3		╉──	$\left \right $		-	360	12	Z				- 2	2	585 590	┝	\vdash			+	+	810	\vdash	\vdash	$\left - \right $		-	+	╉	
	140	5	8	┿					365 370	3	17	-			Ĩ	4	595			-		╉		820								_
	150	2	Ç.						375	2	4		,		. 6	2	600		ŀ					825						\square		_
·	155	2	4	_					380	2	5	Ĺ		\square			605		<u> </u>			-		830			┨			+	+	
	160	Ķ	2	+	+		-+		385	~	13		┢	$\left \right $	+	\dashv	610		-			┥		835	\vdash	-	$\left \right $		\dashv	+	+	—
	165	Ë		-+-	+-			\neg	390 395	7.	2		-	⊢┨	+	┥	615 620	┝				+		845		┼─				+		-
	175	3	6	-	+				400	7,	7						625							850							Ī	
	180	2	2						405	Ŀ	ΙŻ				_		630					_	_	855		1_				_		
	185	2	4				┞─┤	_	410	Z	P	Z	2	KI			635	-		<u> </u>		4		860	-	+	$\frac{1}{1}$				\dashv	
4	190	R	13	+-	╉		$\left \right $		415	\vdash		┝	╂─	$\left - \right $	-+-	_	640 645	\vdash	┼─			\dashv	-	865	-	+		<u> </u>		+	-	-
	195	F	뷝	+	┼		┝╍╉		42J	\vdash	\vdash	┝	┢	┝╌┨	-+	┥	650	\vdash	1	-	╞╌┤	+	╈	875	\vdash	†	\top					_
	200 	Ħ	18		+				420		1						655							880					\Box			
	210	2	8		Τ				435			Ĺ	Γ		\square		660				\square	\square		. 685			<u> </u>	 	\square	$\mid \downarrow \downarrow$		
	215	Ķ	8		4_	<u> </u>			440	┣	╀	L	╀	┞╌┥	-	_	665	-	-	_	\square		_ -	. 890	 -	+	╂──		$\left - \right $	\vdash		
Released to	220	1	14	8/10	287	.36.	34 1	\mathbf{v}_{M}	445	\vdash			╂	┝┤	╉		670	\vdash	┼─	┝		-	-	895	\vdash	╋	+		┝┥	┝─┨	-	_
nereuseu IV I	225	L's	19/1		1	.p.0.	P* 4	171	450		_	l	ł	1			675	J		1	ſ.		·	900		1	1	1-		<u> </u>	[•

Page 28 of 67



÷

Released to Imaging: 4/28/2023 1:36:34 PM

BURGE CORROSION SYSTEMS, INC.

P.O. BOX 1359 - PHONE 334-6141 AZTEC, NEW MEXICO 87410

				CI-	18540
MPANY Meria	dian	DAILY	/ DRILLING REPORT	9-16	<u>19</u> 87
WELL NAME: HU	erfand	WELL NUMBER:	SECTION:	TOWNSHIP:	RANGE:
1005	7	194 E	16	26 N	low
100 F;	WATER AT:	FEET:	HOLE MADE:	20 77	
		DESCRIPTION OF	FORMATION		
FROM	TO		FORMATION IS		COLOR
0	15	Sana	/		fan
15	60	Sand	Stone		ton Grey
60	80	Sha (<u>e</u>		Grey
80	115	Wate,	- Sand		Grey
115	160	Sandy	Shale 95	hale	GREY, Purp
160	KO	Sanc	Istone		Grey
180	210	Shale			Grey
210	260	Sandst	anq		Grey
260	400	Sha 2	l		Pumle
400	420	Sand	CLARE		Grev
	/ /		<u> </u>		
		T.P. 5	20 ft		
······································		SFt 2	0ft_ P	V Ca:	5:19
REMARKS: <u>N</u> Casing	Vater Samp	r/e at 12	o ff	<u>5e720</u> f,	x. of
gront.	Sum	Driller			Tool Dresse
<u></u>	<u>, , , , , , , , , , , , , , , , , , , </u>				

30-045-05830

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

Operator_ <u>MERIDIAN OIL</u> Location: Unit <u>SE</u> Sec. <u>17</u> Twp <u>26</u> Rng <u>10</u>
Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #104
cps 972w
Elevation 6534 Completion Date 8/22/75 Total Depth 400' Land Type*N/A
Casing, Sizes, Types & DepthsN/A
If Casing is cemented, show amounts & types used N/A
If Cement or Bentonite Plugs have been placed, show depths & amounts used
Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. WET AT 140'DECENNE
Depths gas encountered: N/A
Type & amount of coke breeze used: 4300 lbs. DIST
Depths anodes placed: 315', 305', 295', 285', 275', 265', 255', 245', 235', 22
Depths vent pipes placed: N/A
Vent pipe perforations:200'
Remarks: gb #1

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.

12

••

JO-045-20599 DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS NORTHWESTERN NEW MEXICO (Submit 3 copies to OCD Aztec Office)

Operator <u>MERIDIAN OIL</u> Location: Unit <u>SE Sec. 20 Twp 26 Rng 10</u>
Name of Well/Wells or Pipeline ServicedHUERFANO_UNIT #207
cps 977w
Elevation 6516'Completion Date 8/28/75 Total Depth 280' Land Type* N/A
Casing, Sizes, Types & DepthsN/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. 130'
Depths gas encountered: N/A
Type & amount of coke breeze used: 4300 lbs.
Depths vent pipes placed: 245'
Vent pipe perforations: 245'
Remarks: (_gb #1 ALL ANODES TIGHT. BELEIVE HOLE CAVED. COKE AROUND #10
ANODE ONLY.

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.

Received by OCD: 4/4/2023 1:30:39 PM El Paso Natural Gas Company Page 33 of 67 WELL CASING Form 7-238 (Rev. 1-69) CATHODIC PROTECTION CONSTRUCTION REPORT Troff. DAILY LOG Completion Date Drilling Log (Attach Hereto). CPS No. ocation 207 5EZO-ZG-10 UCK Type & Size Bit Used Work Order No 6-ע' <u>54746</u> Total Lbs. Coke Usea Total Drilling Rig Time Lost Circulation Mat'l Used No. Sacks Mud Used Anode Hole Anode Depth # 5205 # 6 195 # 7 185 # 8 175 3225 # 4215 245 # 9 /65 # 10 /-1 # 223 # 5 Z Z 2.0 # 3**Z.3** ¦# 4**Z.** S #6Z.2 *7**2,3** 1# 8 **2. 1** #9 2 # 1 #2 Z, 4 ì0 Anode Depth # 20 # 11 # 12 # 13 # 14 # 15 # 16 # 17 # 18 # 19 Anode Output (Amps) TIG AND # 15 # 11 # 12 # 13 # 14 # 16 # 17 # 18 # 19 Total Circuit Resistance No. 8 C.P. Cable Used No. 2 C.P. Cable Use 2300 Ohms Or Amps / 6,0 Volts Remarks: C NOT 4 Soc APArox 6.1Q de 10 LUOS Dow Tight hoose Was No 10 HNOde - <u>1</u>-Believe Hole Caved -· · -, All Construction Completed ke around #10 Anode only GROUND BED LAYOUT SKETCH 165 90 Original & 1 Copy All Reports

Released to Imaging: 4/28/2023 1:36:34 PM

DRILLING DEPARTMENT

8-21 to 8-28-25

DAILY DRILLING REPORT

LEASE		WELL NO.	77-	W CON	TRACTOR			RI	G NO.		REF	PORT	10.	DATE	19					
	N	MORNING	DAYLIGHT									EVENING								
Driller		Total Men In	Crew		Driller			Total Men In C	Crew		Driffer			Total Men In	Crew					
FROM	то	FORMATION	WT-BIT	R.P.M.	FROM		то	FORMATION	WT-BIT R.P.M.		FROM	FROM		FORMATION	WT-BIT R.P.M.					
0.0	55'	Sand			/40'	19	K.	Share			172'	1	26	Shale						
55	105'	Sandstone			146'	15	2	Sandstone			176'	1	98	5and strue						
105'	114'	Shall			152'	17	0'	Shale			178'	19	101	Shole						
1/4'	140'	Sandstone			170'	17	2'	Sanstone			190'		'95'	Sanddom						
		NO. DCSIZE_	LE	NG	1			NO. DCSIZE	LEN	NG				NO. DCSIZE	LENG,					
BIT NO.		NO. DC SIZE _	LE	N G	BIT NO.			NO. DCSIZE	LEN	NG	BIT NO.			NO. DCSIZE	LENG.					
SERIAL NO.		STANDS			SERIAL NO.			STANDS			SERIAL NO	o.		STANDS						
SI Z E.		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 RECE	EIVED	MUD	RECORD		MUD, ADDITIVES USED A	ND RECEI	IVED	MU	D RECOR	RD.	MUD, ADDITIVES USED	AND RECEIVED					
Time	Wt. Vis.				Time	Wt.	Vis.				Lime	Wt.	Vis.							
										-										
	:		<u> </u>			L	L													
FROM	то	TIME BREAKDO	WN		FROM	то		TIME BREAKDOW	/N		FROM	то		TIME BREAK DO	WN					
195'	05' 3	hoen																		
205	2071 5	andtom																		
207' -	23' 6	like			1															
217'	221' 30	eton																		
22'1 2	227' 9	hee						······································			1			······································						
$\overline{\overline{\boldsymbol{\lambda}}}$	7.40' 5	aneth																		
PENARKS	- 7 801	T-D ·			REMARKS	 i					REMARI	<s< td=""><td>l</td><td></td><td></td></s<>	l							
	200													<u> </u>						
	and a	7 177 - 140)																	
D								·/····································												
	17:22 k	140.8-2	8-7 4	-							·									
////	912~ /-				1	·····				· · · · · · · · · · · · · · · · · · ·										
-	cot it	- 14n to 28	<u>)</u>					······································												
	<i>i</i>	101-0			+															
						~		\sim												
			· · · · · ·			-+					I									
				SIGN	ED: Toolpush		~~	my you	<u> </u>	(Company Sup	PIVISOF			<u>.</u>					
						([()												
						\cup		U												

-

• .

`,

;



.

EL PASO NATURAL GAS COMPANY ENGINEERING DEPARTMENT

Date: _____ By:; ____



.

•
20-045-20731 DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS NORTHWESTERN NEW MEXICO (Submit 3 copies to OCD Aztec Office)
Operator MERIDIAN OIL Location: Unit ^{NW} Sec.20 Twp 26 Rng 10
Name of Well/Wells or Pipeline Serviced HUERFANO UNIT NP #212
cps 975w
Elevation 6487 Completion Date 9/18/75 Total Depth 375' Land Type* N/A
Casing, Sizes, Types & Depths18' SURFACE CASING
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. 135
Depths gas encountered: N/A
Type & amount of coke breeze used: 4100 lbs
Depths anodes placed: 280', 270', 260', 250', 200', 190', 180', 170', 155', 14
Depths vent pipes placed: N/A DECETION
Vent pipe perforations: 250'
Remarks: <u>gb:#1</u> <u>Oll COAL 5:</u>
Dist. 3
If any of the above data is unavailable, please indicate so. Copies of all

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.

Page 37 of 67 Received by OCD: 4/4/2023 1:30:39 PM El Paso Natural Gas Company WELL CASING Form 7-238 (Rev. 1-69) . CATHODIC PROTECTION CONSTRUCTION REPORT 14 57 . 24 . Latt DAILY LOG 17 " " + 4" " . " Completion Date. Drilling Log (Attach Hereto). Well Name CPS No. location VW10-16N-10W Huer V Type & Size Bit Work -56-2 Anode Hole_ Total Drilling Rig Time Total Lbs. Coke Used Lost Circulation Mat'l Used No. 4,100 Anode De 70 # 3 260 # 4 250 # 5 200 # 6 190 # 7 1 80 # 8 170 # 9 155 # 10 195 # 3 4.8 # 4 3.6 # 5 4.2 # 6 4.5 # 7 4.2 # 8 4.2 # 9 4.8 # 10 4.6 Anode Depth # 11 # 14 # 15 # 16 # 17 # 18 # 19 # 12 # 13 Anode Output (Amps) # 11 # 12 # 13 # 15 # 16 -17 # 18 # 14 Total Circuit Resistance No. 8 C.P. le Usec 100 11:3 15. Ohms 0. Volts Amps _0>* Nor Stid Wal Remarks: Hole To 300 Logged ough H 57/5 010 STOP Logo 1.6×0 4.4 C cdsing. Sur 1000 face 301 STOpped AT Perporatod 750 All Construction Completed Edual.

GROUND BED LAYOUT SKETCH

165

N

ived by O	CD: 4/4/20	23 1:30:	:39 PM		.	 •	Page
y mpt when the	M	[0]	RĊ.	AN	D	RI	LLING COMPANY
	A CTIN			P.0.	Box 32	26¤•^Br	oken Bow, Oklahoma 74728
	oro	010	, J.,	• .		· ·	
\ 	Office (405/584	-6000	; 1		·. ·	DATE
1	Mobile Night	584 420	-6860 -3248		,		Work Order No. 54563.1955
1	1	۲۵۳۰	-1 ⁻		•	•	Huchans Unit 212
USTOME	R 19		· · ·		ER,VIÇE AL	DDRESS	
EL NO.	<u></u>	REQUIN	<u>(*/* ,</u> 10.	51	<u>-1) é y</u> Ervicema) / AD 1	No. 1	VEHICLE NO. DATE A COMPLETED
						<u> </u>	
· 1 ·	Matorial	LITHO	From	LOG	Water	Time	INSTRUCTIONS:
3 Jui	.) to (135'	.2.35	<u>Strata</u> 1.351		
<u>J.a.</u> j	Junel.	strine	275	275'			
						· ·	
	·				· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
						÷	
						1	SERVICE
	1	Carla I					PERFORMED:
·····		•	-1				TOTAL DEPTH 301
	1			۰ 		•	RIG TIME ,
· · ·	<u> </u>			· · · · ·		1	WATER TRUCK
·				· · ·		•	DRILLERS CERTIFICATION
A		• • • •				<u> </u>	This well was wrilled under my supervision and the report is true
с., >		· · ·	+				Name Name
					, ,	•	Address
	/						Well driller's license number/
Date sta	mpleted	· · · · ·			, `` , '	19 19_ <u></u>	'Signed Date
4 ,							
	* , •		•	40	3.		Character a Giamatria
•				1	-	• .	By 6 (1/11) A Part 1
• · · ·	•	*	•		1		and the second

Received by OCD: 4/4/2023, 1:30:39 PM

EL PASO NATURAL GAS COMPANY

Date:



Released to Imaging: 4/28/2023 1:36:34 PM

-

30-045-21399
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. 20 Twp 26 Rng 10
Name of Well/Wells or Pipeline Serviced
Elevation <u>6494</u> Completion Date <u>9/18/75</u> Total Depth <u>403</u> Land Type N/A
Casing, Sizes, Types & DepthsN/A
If Casing is cemented, show amounts & types used N/A If Cement or Bentonite Plugs have been placed, show depths & amounts used
N/AN/A
Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 170'
Depths gas encountered: N/A MAY 31 1991
Type & amount of coke breeze used: 4500 lbs. OIL CON. DIV
Depths anodes placed: 380', 370', 360', 350', 340', 300', 290', 225', 215', 20
Depths vent pipes placed: N/A
Vent pipe perforations: 220'
Remarks: gb #1

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.

-

30-045-20408

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

Operator <u>MERIDIAN OIL</u> Location: Unit <u>NW</u> Sec21_Twp26	_Rng_10
Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #195	
Cp	s 978w
Elevation 6534 Completion Date 9/2/75 Total Depth 360' Land Type*	N/A
Casing, Sizes, Types & Depths 39' OF 8" PLASTIC CASIN	IG
If Casing is cemented, show amounts & types used N/A	
If Cement or Bentonite Plugs have been placed, show depths & amoun N/A	ts used
Depths & thickness of water zones with description of water when pr	VETT:
MAY 31 ¹⁹	191
Depths gas encountered: N/A JIL CON.	DIV
Type & amount of coke breeze used: 3500 lbs.	₩
Depths anodes placed: 320', 310', 300', 260', 250', 240', 230', 220',	210', 2(
Depths vent pipes placed: N/A	
Vent pipe perforations: 200'	·····
Remarks: gb #1	

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.

5. A

.

		30-045-20416
	DATA SHEET FOR D	EEP GROUND BED CATHODIC PROTECTION WELLS
	(Submit	3 copies to OCD Aztec Office)
Operator_	MERIDIAN OIL	Location: Unit SE_Sec.21 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced <u>HUERFANO UNIT #196</u>
cps 979w
Elevation <u>6590'</u> Completion Date 8/29/75 Total Depth 450' Land Type* N/a
Casing, Sizes, Types & Depths <u>N/A</u>
If Casing is cemented, show amounts & types used <u>N/A</u>
If Cement or Bentonite Plugs have been placed, show depths & amounts used
Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. WET AT 85'-110', 215'-242' & 340'-360'
Depths gas encountered: N/A
Type & amount of coke breeze used:4600 lbs
Depths anodes placed: 355', 345', 335', 325', 315', 305', 295', 285', 275', 265'
Depths vent pipes placed: N/A
Vent pipe perforations: 250' DEGEIVEN
Remarks:
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.

•

Received by OCD: 4/4/2023 1:30:39 PM

WELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT DAILY LOG

Page 43 of 67

Completion Date Drilling Log (Attach Hereto). . j CPS Ho. 196 EZ1-26-10 10 Work Order Ho. 3/4 0 ae Hele Depth Total Drilling Rig Time bs. Coke Used Lost Circulation Mat^{*}l Used No. Sacks Mud Used (50 600 # 3 **3 3 5** # 6305 # 7295 # 8285 :# 4**325** # 5315 " 9**275** # 1026 #7576 # 4.512 # 8 4 9 # 3.5.2 #6 # 5 6 # 9. 5 Anode Depth = 11 # 12 # 13 # 14 # 15 # 16 # 17 # 18 # 19 Anode Output (Amps) # 17 # 13 # 14 # 15 # 12 # 16 # 18 = 11 # 19 20 No. 8 C.P. Cable Used Total Circuit Resistance No. 2 C.P. Cable Use .56 Amps 19.5 0 Ohms Volts 0 340 To 360 ZISTO 110, 20 Remark 20 Ver 1.100 tca • All Construction Completed (Signature) GROUND BED LAYOUT SKETCH 210 88 6590' Original & 1 Copy All Reports

DRILLING DEPARTMENT

.

LEASE WELL NO.979-W CONTRACTOR RIG NO. 399 MORNING DAYLIGHT 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. 22' Sond Sond So' RS' Slake gray R.P.M. 22' S8' Sond SS' I/O' Sandstone SS' Slake gray R.P.M. 58' 75 Shake gray I/O' I/O' Sandstone R.P.M. 58' 75 Shake gray I/O' I/O' Sandstone I/O' 75' 80' On.DC_size Leno. BIT NO. No. DC_size Leno. BIT NO. No. DC_size Leno. BIT NO. No. DC_size Leno. Stands Stands Stands Stands Stands Stands Stands Stands Stands Stands Stands Stands	REPO	TO 150' 150' 160' 260'		DATE Total Men In Ca FORMATION Alle Colle Colle Colle NO. DCSIZE NO. DCSIZE NO. DCSIZE STANDS SINGLES	19 wt-bit R.I			
MORNING DAYLIGHT Chiller Total Men In Crew Driller Total Men In Crew PROM TO FORMATION WT-BIT R.P.M. FROM TO FORMATION WT-BIT R.P.M. O.O. 2.2' SOnd go' go' A go' A go' A dele Orand In R.P.M. S.Y Synd Store go' go' A fall Orand In R.P.M. S.Y S.Y Shale Orand In R.P.M. PROM Yo' Shale Orand In R.P.M. S.Y S.Y Shale Orand In R.P.M. PROM Yo' Shale Orand In R.P.M. S.Y S.Y S.Y M.S.Y Promation WT.B.Y R.P.M. S.Y S.Y S.Y Yo' S.Y S.Y S.Y S.Y S.Y S.Y S.Y NO. DC_SIZE_LENG	Driller FROM /42' /50' /60' BIT NO. SERIAL NO. SIZE TYPE MAKE MUD F	то 150' 150' 160' 260' 260' Кесовр WI. Vis		Total Men In Ca FORMATION FORMATION Fole Conditione Conditione No. DC SIZE NO. DC SIZE NO. DC SIZE STANDS SINGLES	Tew WT-BIT R.I			
Driller Total Men In Crew Driller Total Men In Crew PROM TO PORMATION WT-BIT R.P.M. PROM TO PORMATION WT-BIT R.P.M. 0.0 22' Sond 80' 80' Solde 90' 10' PORMATION WT-BIT R.P.M. 22' Sond 80' 80' Solde 90' 10' 12' Solde 90' 10'	Driller FROM /42' /50' /57' /60' BIT NO. SERIAL NO. SIZE TYPE MAKE MUD F	то 150' 157' 160' 200' Кесокр Wi. Vis	Sa Sa Sa Sa	Total Men In C. FORMATION Hale Male Mole NO. DCSIZE NO. DCSIZE NO. DCSIZE STANDS SINGLES	ENG			
FROM TO FORMATION WT.BIT R.P.M. FROM TO FORMATION WT.BIT R.P.M. 0.0 22' Sand 80' 85' Male gray - </td <td>FROM / 42 ' / 50 ' / 57 ' / 60 ' BIT NO. SERIAL NO. SIZE TYPE MAKE MUD F Dure</td> <td>TO 150' 157' 160' 260' RECORD WI. VIS</td> <td>, Sa</td> <td>FORMATION hole mostone hole NO. DCSIZE NO. DCSIZE STANDS SINGLES</td> <td>WT-BIT R.</td>	FROM / 42 ' / 50 ' / 57 ' / 60 ' BIT NO. SERIAL NO. SIZE TYPE MAKE MUD F Dure	TO 150' 157' 160' 260' RECORD WI. VIS	, Sa	FORMATION hole mostone hole NO. DCSIZE NO. DCSIZE STANDS SINGLES	WT-BIT R.			
0.0 22' Sand 80 85' Hale gray 22' 58' Sond store 85' Ho' Canlstore 58' 75' 80' Shile gray HO' 127' Shile gray 75' 80' Shile gray HO' 127' Shile gray 817 NO. NO. DC_SIZE_LENG. 1/27' Yi' Sandstore 817 NO. NO. DC_SIZE_LENG. BIT NO. NO. DC_SIZE_LENG. 817 NO. STANDS SERIAL NO. STANDS SIZE Jingles SIZE Singles 170 NO. NC KELLY TYPE DOWN ON KELLY MAKE TOTAL DEPTH MAKE TOTAL DEPTH MUD RECORD MUD RECORD MUD RECEIVED MUD RECORD MUD RECORD MUD RECORD MUD RECEIVED MUD RECEIVED TIME TIME BREAKDOWN FROM TO TIME BREAKDOWN TIME TIME BREAKDOWN FROM TO TIME BREAKDOWN 20' Z16' Shale Z98' Social 242' Z50' Shale Z98' Social 256' Shale Z98' Social Social <td>/42' /50' /57' /60' BIT NO. SERIAL NO. SIZE TYPE MAKE MUD F</td> <td>150' 150' 150' 200'</td> <td></td> <td>NO. DCSIZE</td> <td>LENGLENG</td>	/42' /50' /57' /60' BIT NO. SERIAL NO. SIZE TYPE MAKE MUD F	150' 150' 150' 200'		NO. DCSIZE	LENGLENG			
22' 58' Sondstone 85' 1/0' Sandstone' 58' 75 Shile gray 1/0' 127' Shile gray 75' 80' Montone 1/2' Y2' Sandstone 75' 80' Montone 1/2' Y2' Sandstone 81T NO. NO. DC_size_leng. NO. DC_size_leng. NO. DC_size_leng. 81T NO. Stands Stands Stands Serial NO. Stands Stands Stands Singles Size_Size_Size_Singles Singles Type DOWN ON KELLY Type DOWN ON KELLY Make TOTAL DEPTH Make TOTAL DEPTH Mup record MUD, Additives used and received MUD record MUD, Additives used and received Time Wit Vis Time BREAKDOWN FROM TO 70 Time BREAKDOWN FROM TO Time BREAKDOWN 20' Zis' Shale Zis' Shale 16' Lis' Social tone Zis' Shale 242' Zso' Shale Zis' Shale 256' Shale Zis' Singles Singles <td>/ 5 0 / 5 7 ' / 6 0 ' BIT NO. SERIAL NO. SIZE TYPE MAKE MUD F Date</td> <td>, 57' /6°' Z0°'</td> <td></td> <td>NO. DCSIZE</td> <td>LENG.</td>	/ 5 0 / 5 7 ' / 6 0 ' BIT NO. SERIAL NO. SIZE TYPE MAKE MUD F Date	, 57' /6°' Z0°'		NO. DCSIZE	LENG.			
58' 75' Shile gray 1/0' 1/27' Shile gray 75' 80' Sandatore 1/27' 1/27' Sandatore 81T NO. Size Leng. Bit NO. Size	IS 7 IGO BIT NO. SERIAL NO. SIZE TYPE MAKE MUD F Drue	/ 6 ° Z & o'	· 5a	NO. DCSIZE	LENG.			
75' 80' No. DC_size_leng. 1/27' 1/42' Dandstore BIT NO. NO. DC_size_leng. BIT NO. NO. DC_size_leng. BIT NO. SERIAL NO. STANDS SERIAL NO. STANDS Size	ILCO BIT NO. SERIAL NO. SIZE TYPE MAKE MUD F Dume	RECORD WI. VIS		NO. DC SIZE NO. DC SIZE STANDS SINGLES	LENG.			
NO. DCSIZE_LENG. NO. DCSIZE_LENG. NO. DCSIZE_LENG. BIT NO. STANDS SERIAL NO. STANDS SERIAL NO. SINGLES SIZE SINGLES TYPE DOWN ON KELLY TYPE DOWN ON KELLY MAKE TOTAL DEPTH MAKE TOTAL DEPTH MUD RECORD MUD, ADDITIVES USED AND RECEIVED MUD RECORD MUD, ADDITIVES USED AND RECEIVED TIMPS WI. Vis. Time Wi. Vis. FROM TO TIME BREAKDOWN FROM TO TIME BREAKDOWN 200' Zi6' SALL Singles Singles Singles 1 Image: Singles Singles Singles Singles Singles MAKE TOTAL DEPTH MAKE TOTAL DEPTH MUD, ADDITIVES USED AND RECEIVED MUD, ADDITIVES USED AND RECEIVED Timps Wit Vis. Time Wit Vis. Image: Singles 1 Image: Singles Image: Singles Image: Singles Image: Singles Image: Singles 1 Image: Singles Image: Singles Image: Singles Image	BIT NO. SERIAL NO. SIZE TYPE MAKE MUD F Dure	RECORD WI. VIS		NO. DC SIZE NO. DC SIZE STANDS SINGLES	LENG. LENG			
BIT NO. NO. DCSIZELENGBIT NO. NO. DCSIZELENG SERIAL NO. STANDS SERIAL NO. SIZE SINGLES SIZE SIZE SINGLES SIZE TYPE DOWN ON KELLY TYPE MAKE TOTAL DEPTH MAKE MUD RECORD MUD, ADDITIVES USED AND RECEIVED MUD RECORD MUD, ADDITIVES USED AND RECEIVED MUD RECORD MUD, ADDITIVES USED AND RECEIVED TIMP VI. Vis. TIME FROM TO TIME BREAKDOWN FROM TO COU' ZIG' SALE Z93' Z93' ZOU' ZIG' SALE Z93' SALE LGG' LGC Z93' Z93	BIT NO. SERIAL NO. SIZE TYPE MAKE MUD F Fime	RECORD Wi. Vis	м	NO. DCSIZE STANDS SINGLES	LENG			
SERIAL NO. STANDS SERIAL NO. STANDS SIZE 3/4 NUC SINGLES SIZE SINGLES TYPE DOWN ON KELLY TYPE DOWN ON KELLY DOWN ON KELLY MAKE TOTAL DEPTH MAKE TOTAL DEPTH MUD RECORD MUD, ADDITIVES USED AND RECEIVED MUD RECORD MUD, ADDITIVES USED AND RECEIVED Time VI. VI. VI. VI. ''. I'. I'. VI. VI. ''. I'. I'. I'. I'. ''.	SERIAL NO. SIZE TYPE MAKE MUD F Finite	RECORD	м	STANDS SINGLES				
SIZE SINGLES SIZE SINGLES TYPE DOWN ON KELLY TYPE DOWN ON KELLY MAKE TOTAL DEPTH MAKE TOTAL DEPTH MUD RECORD MUD, ADDITIVES USED AND RECEIVED MUD, ADDITIVES USED AND RECEIVED TIME VI. VI. VI. Image: VI. VI. VI. VI.	SIZE TYPE MAKE MUD F Date	RECORD	м	SINGLES				
TYPE DOWN ON KELLY TYPE DOWN ON KELLY MAKE TOTAL DEPTH MAKE TOTAL DEPTH MUD RECORD MUD, ADDITIVES USED AND RECEIVED MUD RECORD MUD, ADDITIVES USED AND RECEIVED TIMP WI. VI. VI. VI. VI. I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I <tr< td=""><td>TYPE MAKE MUD F</td><td>RECORD Wi. Vis</td><td>MI</td><td></td><td></td></tr<>	TYPE MAKE MUD F	RECORD Wi. Vis	MI					
MAKE TOTAL DEPTH MAKE TOTAL DEPTH MUD RECORD MUD, ADDITIVES USED AND RECEIVED MUD RECORD MUD, ADDITIVES USED AND RECEIVED Time VI. Vis. Time Vi. Vis. '', ': '' '' Vis. '' Vis. FROM TO TIME BREAKDOWN FROM TO TIME BREAKDOWN 200' Z.16' Shale Z.93' Z.93' Shale 2/3' Z.93' Z.93' Shale Sinforma Z.42' Z.56' Shale 30.5' Sinforma 2/3' Z.93' Z.93' Shale Shale	MAKE MUD F Fine	RECORD	мі	DOWN ON KELLY				
MUD RECORD MUD, ADDITIVES USED AND RECEIVED MUD RECORD MUD, ADDITIVES USED AND RECEIVED Time WL Vis. Time WL Vis. ', ': Image: State s	NUD F	WI. Vis	MU	TOTAL DEPTH				
Imp WL VIS. i i <td>11me</td> <td>W1. V15</td> <td></td> <td>IUD, ADDITIVES USED AN</td> <td>ID RECEIVED</td>	11me	W1. V15		IUD, ADDITIVES USED AN	ID RECEIVED			
27, ' 293' Scallon	FROM 3 30' 3 45- 3 55' 3 60' 3 60' 3 65' 3 75'	TO 345' 55' 560' 365' 375' 485'	Sho Son (Son (Son () Son ()	TIME BREAKDOWN				
REMARKS - REMARKS -	REMARKS	s- 455 .	Τ.Δ.	•				

. . .

r

~~~v

Received by OCD: 4/4/2023 7:30:39 PM

J.K.

### EL PASO NATURAL GAS COMPANY ENGINEERING DEPARTMENT

| Sheet | -Page <sup>1</sup> 45 of 67 |
|-------|-----------------------------|
| Date: |                             |





Released to Imaging: 4/28/2023 1:36:34 PM

|                                                                                       | 30-0                                                                                                                                                                                                                                                                           | 45-20282                                                                                                                          |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|                                                                                       | DATA SHEET FOR DEEP GROUND BED CATHODIC<br>NORTHWESTERN NEW MEXICO<br>(Submit 3 copies to OCD Aztec                                                                                                                                                                            | PROTECTION WELLS                                                                                                                  |
| Operato:                                                                              | rMERIDIAN OILLocation: U                                                                                                                                                                                                                                                       | nit_C_Sec.22_Twp_26_Rng_                                                                                                          |
| Name of                                                                               | Well/Wells or Pipeline Serviced HUERFAN                                                                                                                                                                                                                                        | <u>0 UNIT #178</u>                                                                                                                |
|                                                                                       |                                                                                                                                                                                                                                                                                | cps 980w                                                                                                                          |
| Elevati                                                                               | on <u>6627'</u> Completion Date <u>9/15/87</u> Total Dept                                                                                                                                                                                                                      | h <u>360'</u> Land Type* <u>N/A</u>                                                                                               |
| Casing,                                                                               | Sizes, Types & DepthsN/A                                                                                                                                                                                                                                                       |                                                                                                                                   |
|                                                                                       |                                                                                                                                                                                                                                                                                |                                                                                                                                   |
| If Casi                                                                               | ng is cemented, show amounts & types used                                                                                                                                                                                                                                      | N/A                                                                                                                               |
|                                                                                       |                                                                                                                                                                                                                                                                                |                                                                                                                                   |
| If Cemer<br>N                                                                         | nt or Bentonite Plugs have been placed, s<br>/A                                                                                                                                                                                                                                | how depths & amounts us                                                                                                           |
| If Cemer<br>N,<br>Depths a                                                            | nt or Bentonite Plugs have been placed, s<br>/A<br>& thickness of water zones with descripti                                                                                                                                                                                   | how depths & amounts us<br>on of water when possib                                                                                |
| If Cemer<br>N<br>Depths a<br>Fresh, C                                                 | nt or Bentonite Plugs have been placed, s<br>/A<br>& thickness of water zones with descripti<br>Clear, Salty, Sulphur, Etc. <u>140'</u>                                                                                                                                        | how depths & amounts us<br>on of water when possib                                                                                |
| If Cemer<br>N<br>Depths a<br>Fresh, C<br>Depths a                                     | nt or Bentonite Plugs have been placed, s<br>/A<br>& thickness of water zones with descripti<br>Clear, Salty, Sulphur, Etc. <u>140'</u><br>gas encountered: <u>N/A</u>                                                                                                         | how depths & amounts us<br>on of water when possib<br>MAY31 1991                                                                  |
| If Cemer<br>N<br>Depths a<br>Fresh, C<br>Depths o<br>Type & a                         | nt or Bentonite Plugs have been placed, s<br>/A<br>& thickness of water zones with descripti<br>Clear, Salty, Sulphur, Etc. <u>140'</u><br>gas encountered: <u>N/A</u><br>amount of coke breeze used: <u>N/A</u>                                                               | how depths & amounts us<br>on of water when possib<br>MAY31 1991<br>OIL CON. DIV                                                  |
| If Cemer<br>N.<br>Depths a<br>Fresh, C<br>Depths a<br>Type & a<br>Depths a            | nt or Bentonite Plugs have been placed, s<br>/A<br>& thickness of water zones with descripti<br>Clear, Salty, Sulphur, Etc. <u>140'</u><br>gas encountered: <u>N/A</u><br>amount of coke breeze used: <u>N/A</u><br>anodes placed: <u>320', 305', 295', 285', 275', 2</u>      | how depths & amounts us<br>on of water when possib<br>MAY31 1991<br>OIL CON. DIV<br>DIST. 5<br>65', 255', 245', 235', 225'        |
| If Cemer<br>N<br>Depths a<br>Fresh, (<br>Depths a<br>Depths a<br>Depths a             | nt or Bentonite Plugs have been placed, s<br>/A<br>& thickness of water zones with descripti<br>Clear, Salty, Sulphur, Etc. 140'<br>gas encountered: N/A<br>amount of coke breeze used: N/A<br>anodes placed: 320', 305', 295', 285', 275', 2<br>vent pipes placed: N/A        | how depths & amounts us<br>on of water when possib<br>MAY 31 1991<br>OIL CON. DIV<br>OIL CON. DIV<br>OIL CON. DIV<br>OIL CON. DIV |
| If Cemer<br>N<br>Depths a<br>Fresh, (<br>Depths a<br>Depths a<br>Depths a<br>Vent pip | nt or Bentonite Plugs have been placed, s /A & thickness of water zones with descripti Clear, Salty, Sulphur, Etc. 140' gas encountered: N/A amount of coke breeze used: N/A anodes placed: 320', 305', 295', 285', 275', 2 vent pipes placed: N/A pe perforations: UP TO 130' | how depths & amounts us<br>on of water when possib<br>MAY 3 1 1991<br>OIL CON. DIV<br>DIST. 5<br>65', 255', 245', 235', 225'      |

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.

| 30-045-20282                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------|
| DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS<br>NORTHWESTERN NEW MEXICO<br>(Submit 3 copies to OCD Aztec Office) |
| Operator <u>MERIDIAN OIL</u> Location: Unit <u>NW</u> Sec. <u>22</u> Twp <u>26</u> Rng <u>10</u>                             |
| Name of Well/Wells or Pipeline Serviced <u>HUERFAND UNIT #178</u>                                                            |
| cps 980w                                                                                                                     |
| Elevation <u>6606'</u> Completion Date <u>9/3/75</u> Total Depth <u>300'</u> Land Type* <u>N/A</u>                           |
| Casing, Sizes, Types & DepthsN/A                                                                                             |
| If Casing is cemented, show amounts & types used N/A                                                                         |
| If Cement or Bentonite Plugs have been placed, show depths & amounts used                                                    |
| Depths & thickness of water zones with description of water when possible:                                                   |
| Fresh, Clear, Salty, Sulphur, Etc. 160'                                                                                      |
| Depths gas encountered: N/A MAY31 1991                                                                                       |
| Type & amount of coke breeze used: 2900 lbs.                                                                                 |
| Depths anodes placed: 250', 240', 230', 220', 210', 200', 180', 170', 160', 150'                                             |
| Depths vent pipes placed: N/A                                                                                                |
| Vent pipe perforations: N/A                                                                                                  |
| Remarks: gb #1                                                                                                               |

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

30-045-20290

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.22_Twp 26 Rng 10_                    |
|-----------------------------------------|------------------------------------------------------------|
| Name of Well/Wells or Pipeline Servio   | ced <u>HUERFANO UNIT #177</u>                              |
|                                         | cps 981w                                                   |
| Elevation 6627 Completion Date 9/4/75   |                                                            |
| Casing, Sizes, Types & DepthsN/A_       |                                                            |
|                                         |                                                            |
| If Casing is cemented, show amounts a   | & types used <u>N/A</u>                                    |
|                                         |                                                            |
| If Cement or Bentonite Plugs have bee   | en placed, show depths & amounts used                      |
| N/A                                     |                                                            |
| Depths & thickness of water zones wit   | th description of water when possible:                     |
| Fresh, Clear, Salty, Sulphur, Etc       | WET AT 330'                                                |
|                                         | PEGEIVEP                                                   |
| Depths gas encountered: N/A             | MAY 3 1 1991                                               |
| Type & amount of coke breeze used:      | 5500 lbs. )IL CON. DIV                                     |
| Depths anodes placed: 495', 470', 445', | <b>DIST. 3</b><br>435', 425', 415', 405', 395', 385', 375' |
| Depths vent pipes placed: N/A           |                                                            |
| Vent pipe perforations: 200'            |                                                            |
| Remarks: <u>gb #1</u>                   |                                                            |
|                                         |                                                            |

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.

| 0 CD: 4/4/2023 1:30:39 PM                                                                                                                                                                                                                                                                                                                                                                                 | Page                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ۰. <del>ب</del>                                                                                                                                                                                                                                                                                                                                                                                           | 30-045-26675                                                                                                                                               |
| DATA SHEET FOR DEEP GROUND BED CAT<br>NORTHWESTERN NEW M<br>(Submit 3 copies to OCD A                                                                                                                                                                                                                                                                                                                     | THODIC PROTECTION WELLS<br>MEXICO<br>Aztec Office)                                                                                                         |
| Operator MERIDIAN OIL INC. Locati                                                                                                                                                                                                                                                                                                                                                                         | on: Unit <u>K</u> Sec. <u>36</u> Twp <u>26</u> R                                                                                                           |
| Name of Well/Wells or Pipeline Serviced                                                                                                                                                                                                                                                                                                                                                                   | HUERFANO UNIT #177E                                                                                                                                        |
| ·                                                                                                                                                                                                                                                                                                                                                                                                         | cps 1                                                                                                                                                      |
| Elevation6620' Completion Date 6/22/88 Total                                                                                                                                                                                                                                                                                                                                                              | Depth <sup>250</sup> Land Type* N                                                                                                                          |
| Casing, Sizes, Types & Depths 20'                                                                                                                                                                                                                                                                                                                                                                         | CASING                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                            |
| If Casing is computed show amounts & types                                                                                                                                                                                                                                                                                                                                                                | N/A                                                                                                                                                        |
| If Casing is cemented, show amounts & types<br>If Cement or Bentonite Plugs have been place<br>N/A                                                                                                                                                                                                                                                                                                        | s used N/A                                                                                                                                                 |
| If Casing is cemented, show amounts & types<br>If Cement or Bentonite Plugs have been plac<br>N/A<br>Depths & thickness of water zones with desc<br>Fresh, Clear, Salty, Sulphur, Etc. 10                                                                                                                                                                                                                 | s used N/A<br>eed, show depths & amounts<br>cription of water when pos<br>5' NO SAMPLE                                                                     |
| If Casing is cemented, show amounts & types<br>If Cement or Bentonite Plugs have been plac<br>N/A<br>Depths & thickness of water zones with desc<br>Fresh, Clear, Salty, Sulphur, Etc10<br>Depths gas encountered:N/A                                                                                                                                                                                     | s used N/A<br>eed, show depths & amounts<br>cription of water when pos<br>5' NO SAMPLE                                                                     |
| If Casing is cemented, show amounts & types<br>If Cement or Bentonite Plugs have been plac<br>                                                                                                                                                                                                                                                                                                            | s used <u>N/A</u><br>red, show depths & amounts<br>ription of water when pos<br>5' NO SAMPLE                                                               |
| If Casing is cemented, show amounts & types<br>If Cement or Bentonite Plugs have been plac<br>N/A<br>Depths & thickness of water zones with desc<br>Fresh, Clear, Salty, Sulphur, Etc. 10<br>Depths gas encountered: N/A<br>Type & amount of coke breeze used: N/A<br>Depths anodes placed: 230', 220', 210', 200', 18                                                                                    | s used <u>N/A</u><br>eed, show depths & amounts<br>cription of water when pos<br><u>5' NO SAMPLE</u><br>0', 170', 160', 150', 140', 130                    |
| If Casing is cemented, show amounts & types<br>If Cement or Bentonite Plugs have been plac<br>N/A<br>Depths & thickness of water zones with desc<br>Fresh, Clear, Salty, Sulphur, Etc. 10<br>Depths gas encountered: N/A<br>Type & amount of coke breeze used: N/A<br>Depths anodes placed: 230', 220', 210', 200', 18<br>Depths vent pipes placed: 250                                                   | s used N/A<br>red, show depths & amounts<br>ription of water when pos<br>5' NO SAMPLE<br>0', 170', 160', 150', 140', 130<br>DECEIVEN                       |
| If Casing is cemented, show amounts & types<br>If Cement or Bentonite Plugs have been plac<br>N/A<br>Depths & thickness of water zones with desc<br>Fresh, Clear, Salty, Sulphur, Etc. 10<br>Depths gas encountered: N/A<br>Type & amount of coke breeze used: N/A<br>Depths anodes placed: 230', 220', 210', 200', 18<br>Depths vent pipes placed: 250'<br>Vent pipe perforations: 250'                  | s used N/A<br>red, show depths & amounts<br>ription of water when pos<br>5' NO SAMPLE<br>0', 170', 160', 150', 140', 130<br><b>RECEIVED</b><br>MAY 81 1991 |
| If Casing is cemented, show amounts & types<br>If Cement or Bentonite Plugs have been plac<br>N/A<br>Depths & thickness of water zones with desc<br>Fresh, Clear, Salty, Sulphur, Etc. 10<br>Depths gas encountered: N/A<br>Type & amount of coke breeze used: N/A<br>Depths anodes placed: 230', 220', 210', 200', 18<br>Depths vént pipes placed: 250<br>Vent pipe perforations: 250'<br>Remarks: gb #1 | s used N/A<br>red, show depths & amounts<br>ription of water when pos<br>5' NO SAMPLE<br>0', 170', 160', 150', 140', 130<br>NAY 81 1991<br>OIL CON. DIV    |

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.

FM-07-0238 (Rev. 10-82) WELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT DAILY LOG Comp 6-23 5 Ø Completion Date Drilling Log (Attach Hereto) Work Order # CPS # Well Name, Line or Plant: Ins Union Check Static 6005 = 854 er 54531A lano 🗋 Bad' -Good Good 2054531 A Anode Size: Anode Type Size Bit 5*31*4 9" x 60 uron Lost Circulation Mat'l Used Drilling Rig Time Total Lbs. Goke Used No Sacks Mud Used Depth Logged # 4 200 # 5 #6 # 7 # 8 # 10 Anode Output (Amps) **# 1** # 2 # 3 # 4 # 5 #6 # 7 1= 8 # 9 # 10, Anode Depth # 11 # 12 # 13 # 14 # 15 # 16 # 17 # 18 # 19 # 20 Anode Output (Amps) # 11 # 12 # 13 # 14 # 15 # 17 # 18 # 16 # 19 # 20 No. 8 C.P. Cable Used No. 2 C.P. Cable Used Total Circuit Resistance 428 12.0 28.0 Amps Ohms Volts ÷. connectearly a Remarks: Õσ 00 9 トト Rectifier Size:\_ Z v All Construction Completed Addn'l Depth\_ B15 60 V 250 Depth Credit: 25003 40 Say 24 38. Extra Cable: nan a.10 30 Ditch & 1 Cable: <u>195</u> 00 (Signati 25 'Meter Pole: GROUND BED LAYOUT SKETCHAN 20' Meter Pole:\_ 10' Stub Pole: tur 225,00 Junction Boy 110.00 -20' surface casing 1 he. rig time 138.00 dehuc 4822.90 tax 241. οK 5064.05 le avo

Released to Imaging: 4/28/2023 1:36:34 PM

Received by OCD: 4/4/2023 1:30:39 PM

TATA SHEET NO. .

.

.9

|             | and la       | D. IN        | IE              |          |           |                           |                                            |                                              |                 | <u> </u>   |
|-------------|--------------|--------------|-----------------|----------|-----------|---------------------------|--------------------------------------------|----------------------------------------------|-----------------|------------|
|             | <u>er ja</u> | <u> </u>     |                 | PIP      | el!ne:_   |                           |                                            |                                              |                 |            |
| ATION: S    | ic <u>36</u> | TWP. 20      | 2               | Q co     |           |                           | STATI                                      | ×                                            |                 |            |
|             |              | RCTARY _     | 230             | FT: CAEL | E TCCL    |                           | PT :                                       | : CAS                                        | ING $\square$   | 0          |
|             |              | <u>150 m</u> | . ca. <u>63</u> | H N. CAR | 4200      |                           | ANCOES                                     | 10-2                                         | "×60")          | tube L     |
|             |              |              |                 | ETP      | LORING    | ANODE                     | I NO                                       | WITH                                         | ANODE           |            |
|             | 0R           | LLER'S LC    | e.              | то       | س) اا هده | URE                       | COKE                                       | CONE                                         | NO.             | TOP O      |
| · ·         |              |              |                 | E        | 1 1       |                           | -  T                                       | Ιτ                                           | 1               | ANCOE      |
| 1           |              |              |                 | 1        | 1         | 1                         | 1                                          |                                              | •               | ·          |
| 01          |              |              |                 | ł        | 1         | 1                         | 1                                          | 1                                            | t               | I          |
| ا سی ا      |              |              |                 |          | 1         | 1                         |                                            | 1                                            | 1               | 1          |
| 60 1        |              |              |                 | <u> </u> | 1         |                           | 1                                          | 1                                            | ŧ               | I          |
| 51          |              |              |                 |          |           | 1                         | 1                                          | 1                                            | 1               | 1          |
| <u>vc  </u> |              |              |                 |          | 1         |                           |                                            | l                                            | !<br>           | 1          |
| 7.51        |              |              |                 |          |           | 1                         | <u> </u>                                   |                                              | 1               | 1          |
| 701         |              |              |                 | <u> </u> | <u> </u>  | <u> </u>                  |                                            | 1                                            | 1               | <u>+</u>   |
| 5.51        |              |              |                 | <u> </u> | <u> </u>  |                           | <u> </u>                                   | <u> </u>                                     | <u> </u>        | <u> </u>   |
| 901         |              |              | <u></u>         |          | 1         | <u> </u>                  | <u> </u>                                   | 1                                            | 1               | 1          |
| 951         |              |              |                 |          | 111       | <u>_</u>                  |                                            | 1                                            | 1               | 1          |
| 100         |              |              |                 | 1        | 1.6       | <u></u>                   |                                            | 1                                            | <u> </u>        | <u></u>    |
| 51          |              |              |                 |          |           | 7                         | <u> </u>                                   | <u></u>                                      |                 | - <u> </u> |
| 101         |              |              | <u></u>         |          |           |                           |                                            | 1                                            | 1               |            |
| 751         |              | <u> </u>     |                 |          | 1/9       | 7                         |                                            |                                              |                 |            |
| 201         |              |              |                 | 1        | 122       | 2 1                       | 1                                          | 1                                            | 1 0             | - <u></u>  |
| 201         |              |              |                 | 1        | 12.       | 41                        | 12.9                                       | 15.4                                         | 1./10           | 1/3        |
| 3.51        |              |              |                 | 1        | 13.0      | 4                         | 1                                          | 1                                            | 1.0             | 1          |
| 401         |              |              |                 | 1        | 12        | 31                        | 19.7                                       | 15.0                                         | 11/9            | 1/40       |
| 451         |              |              |                 | 1        | 1 2.      | 41                        | 1                                          |                                              | 1               | 1          |
| 501         |              |              |                 |          | 1 2.      | 51                        | 12.8                                       | 15.6                                         | 51.0            | 1/6        |
| 551         |              |              |                 |          | 1 2.      | 4                         |                                            |                                              | 1               |            |
| 601         |              |              |                 |          | <u> </u>  | $\frac{\lambda}{\lambda}$ | 12.7                                       | 15.                                          | <u>a 1. 711</u> | 116        |
| 125         |              |              |                 | <u>i</u> |           |                           | 105                                        |                                              | n the           | 1 100      |
|             |              | <u> </u>     |                 | ·        | 12        |                           |                                            | $\frac{1}{1}$                                | <u>a 1/0/</u>   | 1//20      |
|             |              |              |                 | <u> </u> |           |                           | 194                                        | 140                                          | 2172            | 1 10       |
| 951         |              |              |                 | <u>-</u> |           | <del>G</del> 1            | <u> </u>                                   |                                              | 1               | <u> </u>   |
| 501         |              |              |                 |          | 12.       | 01                        | 1                                          | 1                                            | 1               | 1          |
| Ç 1         |              |              |                 |          | 1 2.      | 41.                       | 1                                          | 1                                            |                 | 1          |
| 2001        |              |              |                 | ١        | . 12      | .01                       | 1.2.                                       | 5150                                         | 3 (14)          | 120        |
| 51          |              |              |                 | 1        | 12        | .31                       | 1                                          | 1                                            |                 | 1          |
| 101         |              |              |                 | <u> </u> | 2         |                           | 12.8                                       | 1 bu                                         | BY (3)          | 121        |
| 151         |              |              |                 | <u> </u> | <u> </u>  | .41                       |                                            | n M                                          | 10              |            |
| aci         |              |              |                 | <u> </u> |           | 21                        | 14.6                                       | <u> / Z.</u>                                 | $\frac{b}{d}$   | <u> </u>   |
| 257         |              |              |                 |          |           |                           | 101                                        |                                              | 4:17            |            |
| 301         |              |              |                 | <u> </u> |           | 21                        | <u>, , , , , , , , , , , , , , , , , ,</u> |                                              | / ///           | <u> </u>   |
| 401         |              |              |                 | <u>'</u> |           | 201                       | <u>i</u>                                   | <u>    i      i                         </u> | 1               | 1          |
| 451         |              |              |                 | i        | o         | 1                         | <u>i</u>                                   | 1                                            | 1               | 1          |
| 501         |              | D.           | 250             | i        | 1         | <u> </u>                  | 1                                          | 1                                            | 1               | 1          |
|             |              |              |                 |          |           |                           |                                            |                                              |                 | 1          |

ROUNDBED RESISTANCE: (1) VOLTS 12.0 - AMPS 20.0 - 0.7.

Omhit.

GENERAL CATHODIC PROTECTION SERVICES CO.

CI VERCEROUND

•

| Re | e<br>e | ei  | ve   | d | bj  | V  | 0   | Ç   | D   |     | 4) | /4 | /2  | 02   | 3   | 1   | 1   | 31 | ):, | 39   |      | PA  | 1   |   |
|----|--------|-----|------|---|-----|----|-----|-----|-----|-----|----|----|-----|------|-----|-----|-----|----|-----|------|------|-----|-----|---|
|    | ÷.     | 19  | 17.5 |   | ٠,  |    |     | 2   | j.  | 2.  | o  |    |     | č.,  | 1.1 | ئى. | ч'n |    |     |      | - v- |     | ú.  | 1 |
|    | **     | • ` |      |   | - ( | no | 100 | ÷., | . t | w - |    |    | . * | **** |     |     | 12  | •  | 1   | 1.1. |      | ್ಷೇ | ۰., |   |

all the first

al y

1. S

|     |           | ·          |      |      |                                                |         |          |                                       | ·         |             |       |       |         |         |          |            |      |       |          |      | -    |             |                   |             |          |        | ~ ~ ~ ~   |                  |     |            |        |           |            |             | 1                                        |                                             |             |                 | _    |
|-----|-----------|------------|------|------|------------------------------------------------|---------|----------|---------------------------------------|-----------|-------------|-------|-------|---------|---------|----------|------------|------|-------|----------|------|------|-------------|-------------------|-------------|----------|--------|-----------|------------------|-----|------------|--------|-----------|------------|-------------|------------------------------------------|---------------------------------------------|-------------|-----------------|------|
| · · |           |            | 210  |      |                                                |         |          | · · · · · · · · · · · · · · · · · · · |           |             |       |       |         |         | 1.4      |            |      |       |          |      |      |             |                   | +6 f        |          |        | - 4×5     | · ····           |     |            |        |           | فيعو حادين | AV 34. M.   |                                          |                                             | د هند م     |                 |      |
|     |           |            | w 20 |      |                                                |         | 14 - 44- |                                       | - C - C - |             |       |       |         |         | ÷        |            |      |       |          |      |      |             |                   |             |          |        |           | ad do a rear new |     |            |        |           |            | A           |                                          |                                             |             |                 | 12   |
|     |           | - 4        |      |      |                                                | ~       |          |                                       | · · · ·   |             |       |       |         |         |          |            |      |       |          |      |      |             |                   |             | No       |        | 5.2 * 5   |                  |     | 14 14      |        |           |            | 2           |                                          |                                             | ******      |                 | ~~   |
|     | Qm. 74    |            |      |      | 5                                              |         | 1000     |                                       |           |             |       |       |         | · 1 X - |          |            |      |       |          |      |      |             | ** * **           | · •         |          |        |           | ¥ 7              |     | A 14 1 1 1 | ٤      |           | 7          |             |                                          |                                             |             |                 | **** |
|     |           |            |      |      |                                                |         | -        |                                       |           |             |       |       |         |         |          | ہو کہ دینچ |      |       | -        |      |      |             |                   |             | ميروف م  |        |           |                  |     |            |        |           | <u></u>    |             |                                          |                                             |             |                 | *    |
|     |           |            |      |      |                                                |         |          |                                       |           |             |       |       |         | 14.7    |          | ·          |      |       | -        |      |      | 21-         | · · · · · · · · · | ويورون ورور | - Same   | 10.000 |           | · · · · A · · ·  |     | - '÷       | 1 44 . |           | -          | A           |                                          |                                             | (A) 100 B 2 | · · · ·         | 4.8  |
| ·   | No. 120   | - <b>N</b> |      | ** * |                                                | -4      | · · ·    | A1 101                                |           |             |       |       |         |         |          | •••.       | ~~~~ | · · · |          |      |      | ,           |                   |             |          |        | 2 4 1 - 4 |                  |     |            |        |           | a          | - A         | and the second                           |                                             |             | 7.000           | a 14 |
| 6.4 |           |            | ·    |      | 4 h                                            |         |          |                                       |           | - 2 - 6 - 6 |       |       |         |         |          |            | -    |       | • • Y    |      |      | <b></b>     |                   |             | - 1 H.   |        |           | 2.2.2            |     |            |        |           | 2          |             |                                          |                                             |             |                 | ٠.,  |
|     |           |            | 5    |      | - 14 L Z I                                     | Sec. 51 |          |                                       |           |             | •     |       | 4 1 1   |         | *** .    |            |      |       |          |      |      |             | · · ·             |             |          |        |           |                  |     |            |        |           |            |             |                                          | ·* · · · · · · · · · · · · · · · · · ·      |             |                 | *    |
|     |           |            |      | A    |                                                |         |          | ÷                                     | · · ·     |             |       | -     |         |         | 1. 8 2 1 | 10 C       |      |       |          | 1    | •    | - A & A & A | C = 4 = 1         |             | 1. a. a. |        | واريد ا   | Y 1 4 4          |     |            | A      |           |            |             |                                          |                                             |             |                 | -    |
|     |           | - 17 v     |      |      | a na na sa |         |          |                                       |           |             | · · · | × * * | ** î    |         |          | - #R.      | ÷.   | · •   |          | ·. · |      |             |                   | . 1 2       |          |        |           | . w              | 5   | 4 × n      | · •    | *         |            |             |                                          | - 1 - C - C                                 |             | 1. 1. 1. 1. 1.  |      |
| e   |           | Jak sere   |      |      |                                                | -       |          |                                       |           | 1.1.1       | 1 A P | 17 .  | • * * * |         | ** .     |            |      |       |          | •    |      |             |                   |             |          |        | - T       | × ·              |     | 7.4.1      |        | 100       |            |             | 1.1                                      | - 11 C I                                    | · • · · ·   | · · · · ·       |      |
| -   |           |            |      |      | ×                                              | • • •   | * 1 a    | - 1 <u>6</u> 6                        |           | 1.2.        |       |       |         | · .     |          | •          |      |       |          | -    |      |             |                   |             |          |        |           | - x              |     |            |        |           |            | · · · ·     |                                          |                                             |             | 2.6.5           | х.   |
|     |           |            |      |      | *****                                          | - ·     |          |                                       |           |             |       |       |         |         |          |            |      |       |          |      |      |             |                   |             |          |        | 11.1.1    | 4 1.5            |     | · ***      | **     |           |            | Set 14      |                                          | Sec. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. |             |                 |      |
|     | · · · · · |            |      |      | S                                              |         |          |                                       |           |             |       | ****  |         |         |          |            |      | -     | 4        |      |      |             |                   |             |          |        |           |                  |     |            |        | • · · · · |            | 1 . A 21 .  |                                          |                                             |             |                 | 1    |
|     |           |            |      |      |                                                | • ~ •   |          |                                       |           |             |       |       |         |         |          |            | -    |       |          |      | - '+ |             | A. 2              |             |          |        |           |                  |     |            |        |           |            |             | · • •                                    | - F 1 5 4 1 1                               |             |                 | - 2  |
| ٠.  | 2. "      | • • A2     |      |      |                                                | - 2.    | 477.24   |                                       |           |             |       | · .   |         |         |          |            |      |       |          |      |      |             |                   |             |          |        |           |                  | °2- |            | ~      |           |            |             |                                          |                                             | · · · · ·   |                 |      |
|     |           |            |      | ÷    |                                                |         |          |                                       |           | -           |       |       |         |         |          |            |      |       |          |      |      |             |                   |             |          |        |           |                  |     |            |        |           |            |             |                                          | · · ·                                       |             | 1.0             |      |
|     |           |            |      |      |                                                |         |          |                                       |           |             |       |       |         |         |          |            |      |       | -        |      |      |             |                   |             |          | •      |           |                  | ~ , |            |        | ·         |            |             | ·                                        |                                             |             |                 | •    |
| ~   |           |            |      | 4 1  |                                                |         |          |                                       |           |             |       |       |         |         |          |            |      |       | •        |      |      |             |                   |             |          |        |           |                  |     |            |        |           |            |             |                                          |                                             | •           | 74.44           | ~    |
|     | ~ >       |            |      |      |                                                |         |          |                                       |           |             |       |       |         |         |          |            |      |       |          |      |      |             | 1                 |             |          |        | •         |                  |     |            |        |           |            |             |                                          |                                             |             |                 | ۰.   |
|     |           |            |      |      |                                                | . 1     |          | · · · · ·                             | 1.5       |             |       |       |         |         | 1.1      | •••        |      |       |          |      |      |             |                   | £ 4.        | - i - i  |        |           |                  |     |            |        |           |            | • •         |                                          | <sup>7</sup> am <sup>4</sup> a sect a 11    |             | ×               | 4    |
|     |           |            |      |      |                                                |         |          |                                       |           |             |       |       |         |         |          |            |      |       |          |      |      |             |                   |             |          |        |           |                  | · . | <u></u>    |        | ~ *       |            | x - + + y i | ****                                     | ***                                         | -5          | - 7             | -    |
|     |           |            |      |      | •                                              |         |          | ·                                     |           | -           | ~ •   |       |         |         | -        |            |      |       |          |      |      |             |                   |             |          |        |           |                  |     |            |        |           |            |             | × .                                      |                                             |             |                 |      |
|     |           |            |      |      |                                                |         |          |                                       | 5         |             |       |       |         |         |          |            |      |       |          | •    | -    |             |                   |             |          |        |           |                  |     |            | -      |           |            |             | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | 1 1                                         |             |                 |      |
|     |           |            |      |      |                                                |         |          |                                       |           |             | · · · |       |         |         |          |            |      |       |          |      |      |             |                   |             |          |        |           |                  |     |            |        | - N       |            |             |                                          |                                             | e           |                 |      |
|     | n 3.      |            |      |      |                                                | -       | 1        | · · · · · ·                           |           |             |       |       |         |         |          |            |      |       | <b>v</b> |      |      |             |                   |             |          |        |           |                  |     |            |        |           |            |             | ·                                        |                                             |             | · · · · · · · · |      |
|     | 1         |            |      |      |                                                |         |          |                                       | ***       |             |       |       |         |         |          |            |      |       |          |      |      |             |                   |             |          |        |           |                  | -   |            |        | •         |            | •••         |                                          | · ·                                         |             |                 | £    |
|     |           | 5 a 2      |      |      |                                                |         | •        |                                       |           | •           |       |       |         |         |          |            |      |       |          |      |      |             |                   |             |          |        |           |                  |     |            |        |           |            |             |                                          |                                             | 5.00        | · · ·           | - 2  |
|     |           |            |      |      |                                                |         |          |                                       |           |             |       |       |         |         |          |            |      |       |          |      |      |             |                   |             |          |        |           |                  |     |            |        |           |            |             | •                                        |                                             |             | ~               |      |
|     |           | •          |      | •    |                                                |         |          |                                       |           |             | -     |       | •       |         |          |            |      |       |          |      |      |             | -                 |             |          |        |           |                  |     |            |        |           |            |             |                                          |                                             |             |                 | 100  |
|     |           |            |      |      | x *                                            |         |          |                                       |           |             |       |       |         |         |          |            |      |       |          |      |      |             |                   |             |          |        |           |                  |     | •          |        |           |            |             |                                          | And the second second                       |             | - 20            | 2.   |
|     |           |            |      |      |                                                |         |          |                                       |           |             |       |       |         |         |          |            |      |       |          |      |      |             |                   |             |          |        | *         |                  |     |            |        |           |            |             | S . 3                                    |                                             |             |                 |      |

÷., 5

|                          |                  |            | ,                                  |                                     |                                        |                | <u>م</u>   |
|--------------------------|------------------|------------|------------------------------------|-------------------------------------|----------------------------------------|----------------|------------|
| -                        | D. C.            | ASS        | در                                 | DRILLI                              | NG CO                                  | 60             | 2)         |
|                          | Drill No         | 3          |                                    |                                     |                                        | - \`\.         |            |
|                          |                  |            |                                    |                                     |                                        |                | .1         |
|                          | /                |            | ER'S WEI                           | LL LOG                              | -                                      |                | -          |
| . P. Noft                | uertand          | -177-6     | <u>- DK</u> 1                      | Date 6                              | 22-                                    | <u>88</u>      |            |
| lient ///                | Criaine<br>Con T |            | <u>.</u>                           | Prospe                              | ct                                     | in N           | lex.       |
| ounty                    |                  |            |                                    | <u> </u>                            | Sidler                                 | <u> </u>       |            |
| hole is a                | redrill or i     | f moved fr | om origi                           | nal staked                          | l position                             | show di        | stance     |
| nd directi               | ion moved        | :          | <u> </u>                           | a sould                             |                                        | . <u>14,13</u> | *****      |
| FROM                     | то               | FOR        | MATION                             | - COL                               | OR — H                                 | ARDNESS        | 5.°        |
| 0                        | 20               | SANO       | 1.2                                | (-01 N-1                            |                                        |                |            |
| 20                       | 50               | SAND       | h Sh                               | pla                                 | , ·                                    | ·••;-•;        |            |
| 50                       | 90               | SAN        | 1510                               | ve.                                 |                                        |                |            |
| 90                       | 105              | SANC       | 1-                                 | <u> </u>                            |                                        | ·              |            |
| 105                      | 2/00             | Sha        | le."                               | 2.1                                 | ·,·                                    |                | -          |
| 204<br>- 211             |                  |            | 37.<br>                            | · . , , ,                           | .*                                     |                |            |
|                          |                  |            | ا میں دار<br>میں بیٹر<br>میں میں ا | مريد وركون مورد.<br>مريد وركون مورد |                                        | 1.00 g 620<br> | El alma    |
|                          |                  |            |                                    | ange (the salar<br>Lis is the       |                                        |                | - ada a    |
| . [                      |                  | · . ·      | ,                                  | * , <del>*</del>                    | -                                      | ÷.             |            |
|                          |                  |            |                                    |                                     |                                        |                | •          |
|                          |                  |            |                                    |                                     | -                                      |                |            |
|                          |                  |            |                                    |                                     |                                        | •              |            |
|                          |                  | _          |                                    | •                                   |                                        | •              | <u>، ج</u> |
| [ud                      | ·`               | Bran       |                                    |                                     | . Lime                                 |                |            |
| lock Bit N               | lumber           |            | Make                               | )                                   | ······································ | * '            | •          |
| emarks:                  | WAte             | er Ø       | 105                                | 5                                   |                                        |                |            |
| Set                      | - 20'            | CASI       | NG                                 | 1.1-                                | <u>lr.</u>                             |                |            |
|                          |                  |            | <b>.</b>                           | •••                                 |                                        |                |            |
|                          | Dr               |            | NNIE                               | Broc                                | su!                                    | 1              | · ··· ·    |
| س ا<br>بالان مار<br>باری |                  |            |                                    |                                     |                                        |                | ·          |

4/28/2023 1:36:34 PM

, t

· ·

.

| : 30-045-                                                                                                      | 05697                                 |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------|
| DATA SHEET FOR DEEP GROUND BED CATHODIC PROT<br>NORTHWESTERN NEW MEXICO<br>(Submit 3 copies to OCD Aztec Offic | ECTION WELLS                          |
| Operator <u>MERIDIAN OIL</u> Location: Unit <u>NM</u>                                                          | Sec.27 Twp 26 Rng 10                  |
| Name of Well/Wells or Pipeline Serviced <u>HUERFANO UNIT</u>                                                   | #121                                  |
|                                                                                                                | cps 878w                              |
| Elevation_6655'Completion Date_8/12/83Total Depth_580'                                                         | Land Type* <u>N/A</u>                 |
| Casing, Sizes, Types & Depths <u>N/A</u>                                                                       | · · · · · · · · · · · · · · · · · · · |
|                                                                                                                | ······                                |
| If Casing is cemented, show amounts & types used <u>N</u>                                                      | ′A                                    |
| If Cement or Bentonite Plugs have been placed, show d                                                          | epths & amounts used                  |
| N/A                                                                                                            |                                       |
| Depths & thickness of water zones with description of                                                          | water when possible:                  |
| Fresh, Clear, Salty, Sulphur, Etc. 180' & 410' - 420'                                                          | l                                     |
|                                                                                                                |                                       |
| Depths gas encountered: <u>N/A</u>                                                                             |                                       |
| Type & amount of coke breeze used:6200 lbs                                                                     |                                       |
| Depths anodes placed: <u>520', 510', 465', 445', 435', 425'</u> ,                                              | <u>380', 370', 360', 350'</u>         |
| Depths vent pipes placed: 545' OF 1" VENT PIPE                                                                 | DERSAVER                              |
| Vent pipe perforations:400'                                                                                    |                                       |
| Remarks: <u>gb #2</u>                                                                                          | MAY31 1991                            |
|                                                                                                                | 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.

30-045-05697

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

| Operator_ | MERIDIAN OIL                               | _ Location:                           | Unit <u>NW</u> Sec. <u>27</u> Twp <u>26Rng10</u> |
|-----------|--------------------------------------------|---------------------------------------|--------------------------------------------------|
| Name of W | Vell/Wells or Pipeline Serv:               | iced <u>HUER</u>                      | FANO UNIT #121                                   |
|           |                                            |                                       | cps 878w                                         |
| Elevation | <u>6655'</u> Completion Date <u>6/16/7</u> | Total De                              | pth <u>520'</u> Land Type* <u>N/A</u>            |
| Casing, S | Sizes, Types & DepthsN/A                   | ۱                                     | ·····                                            |
|           |                                            | · · · · · · · · · · · · · · · · · · · |                                                  |
| If Casing | g is cemented, show amounts                | & types us                            | ed <u>N/A</u>                                    |
|           | ······································     |                                       |                                                  |
| If Cement | : or Bentonite Plugs have be               | een placed,                           | show depths & amounts used                       |
| N/A       | <u>A</u>                                   |                                       |                                                  |
| Depths &  | thickness of water zones w:                | ith descrip                           | tion of water when possible:                     |
| Fresh, Cl | ear, Salty, Sulphur, Etc                   | 300 '                                 | s e f i v f r                                    |
|           |                                            |                                       |                                                  |
| Depths ga | s encountered:N/A                          |                                       | MAY 3 T 1234                                     |
| Type & am | nount of coke breeze used:                 | 9750 lbs.                             | UIL CUIN. <b>UIV.</b><br>DIST. 3                 |
| Depths an | odes placed: <u>410'. 395'. 385</u>        | <b>. 375', 365'</b>                   | . 355', 345', 335', 325', 315'                   |
| Depths ve | nt pipes placed:N/A                        |                                       |                                                  |
| Vent pipe | perforations: <u>300'</u>                  |                                       |                                                  |
| Remarks:_ | gb #1                                      |                                       |                                                  |

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.

1

30-045-20467

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

| Operat | .or                 | MERIDIAN OIL             | ·····                | Location:   | Unit <u>SE</u>  | Sec. <u>27</u>  | Twp 26 Rng 10       |
|--------|---------------------|--------------------------|----------------------|-------------|-----------------|-----------------|---------------------|
| Name c | of Well             | /Wells or Pipeli         | ne Servic            | edHUERE     | ANO UNIT        | #198            |                     |
|        |                     |                          |                      |             |                 |                 | cps 988w            |
| Elevat | ion_ <sub>¢¢(</sub> | <u>*"</u> Completion Dat | e_ <u>9/29/75</u>    | _Total Dep  | oth <u>400'</u> | Land            | Type* <u>N/A</u>    |
| Casing | , Size              | s, Types & Depth         | sN/A                 |             |                 |                 |                     |
|        |                     |                          |                      |             |                 |                 |                     |
| If Cas | ing is              | cemented, show           | amounts &            | types use   | ed <u>N/A</u>   |                 |                     |
|        | _                   |                          |                      | _           |                 |                 |                     |
| If Cem | nent or             | Bentonite Plugs          | have bee             | n placed,   | show de         | pths &          | amounts used        |
| Doptha | c thi               | knoge of wator           |                      | h Josephini | ion of          |                 | when reacible.      |
| Depuis |                     | Calling and the          | Zones wit            | n descript  |                 | waler w         | men possible:       |
| rresn, | clear,              | Salty, Sulphur           | , Etc                | 140'        | D               | ) ECI           | ENVES               |
| Depths | gas er              | countered:               | I/A                  |             | Ű               | MAY 3           | 1 1991              |
| Type & | amount              | of coke breeze           | used:                | 3500 lbs.   | (               | <u>DIL CC</u>   | N. DIV              |
| Depths | anodes              | placed: <u>320'</u> ,    | 310' <u>, 300'</u> , | 290', 280', | 270', 26        | DIS<br>0', 250' | <u>, 240', 230'</u> |
| Depths | vent p              | pipes placed:            | N/A                  |             |                 |                 |                     |
| Vent p | ipe per             | forations:               | 210'                 |             |                 |                 |                     |
| Remark | s:gb_               | #1                       | <u></u>              | <u> </u>    | ·               |                 |                     |

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.

JATA 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. 27 Twp 26 Rng 10

| Name of Well/Wells or Pipeline Serviced <u>HUERFANO UNIT #198</u>                       |
|-----------------------------------------------------------------------------------------|
| cps 988w                                                                                |
| Elevation 6698' Completion Date 12/20/82 Total Depth 440' 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. DRILLED OUT OF WATER ZONE AT 200'                    |
|                                                                                         |
| Depths gas encountered: N/A                                                             |
| Type & amount of coke breeze used: 3000 lbs.                                            |
| Depths anodes placed: <u>365', 355', 340', 330', 315', 305', 290', 280', 240', 220'</u> |
| Depths vent pipes placed: 400'                                                          |
| Vent pipe perforations: 220'                                                            |
| Remarks: gb #2 FIRST HOLE CAVED AT 440' RECOVERED ANODES. MAY 31 1991                   |
| OIL CON. D                                                                              |
| 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.

Released to Imaging: 4/28/2023 1:36:34 PM

1

30-045-20467

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

| Operat  | .or             | MERIDIAN OIL                  | Location:                                          | Unit <u>SE</u> Sec.    | 27 Twp 26 Rng 10                |
|---------|-----------------|-------------------------------|----------------------------------------------------|------------------------|---------------------------------|
| Name o  | of Well         | /Wells or Pipeline S          | erviced <u>HUERE</u>                               | ANO UNIT #198          |                                 |
| ,       | <u> </u>        |                               |                                                    |                        | cps 988w                        |
| Elevat  | ion_ <u>¢¢(</u> | <u>*"</u> Completion Date_9/2 | <u>9/75   </u> Total Dep                           | pth <u>400'</u> La     | nd Type* <u>N/A</u>             |
| Casing  | , Size          | s, Types & Depths             | N/A                                                |                        |                                 |
| <u></u> |                 |                               |                                                    |                        |                                 |
| If Cas  | ing is          | cemented, show amou           | nts & types us                                     | ed <u>N/A</u>          |                                 |
|         |                 |                               | _                                                  |                        |                                 |
| If Cem  | ent or          | Bentonite Plugs hav           | e been placed,                                     | show depths            | & amounts used                  |
|         | <u></u>         | · · · · ·                     |                                                    |                        |                                 |
| Depths  | & thi           | CKness of water zone:         | s with descript                                    | tion of wate           | r when possible:                |
| Fresh,  | Clear           | , Salty, Sulphur, Etc         | c. <u>    140'                                </u> | R                      |                                 |
|         |                 |                               |                                                    |                        | <u>GEINF</u>                    |
| Depths  | gas ei          | countered: <u>N/A</u>         | · · · · · · · · · · · · · · · · · · ·              | MA WU                  | <u>Y31 1991</u>                 |
| Туре &  | amoun           | c of coke breeze used         | d:3500 lbs                                         | OIL                    | CON. DIV                        |
| Depths  | anodes          | s placed: <u>320',310',</u>   | 300', 290', 280'.                                  | <u>, 270', 260', 2</u> | <b>DIST</b><br>250', 240', 230' |
| Depths  | vent p          | pipes placed: <u>N/A</u>      |                                                    |                        |                                 |
| Vent p  | ipe per         | forations:210                 | I                                                  |                        |                                 |
| Remark  | s: <u>gb</u>    | #1                            |                                                    |                        |                                 |

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.

30-045-20607

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

| Operator MERIDIAN OIL Loc                 | cation: Unit <u>NW</u> Sec. <u>28</u> Twp <u>26</u> Rng <u>10</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of Well/Wells or Pipeline Serviced   | HUERFANO UNIT #202                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                           | cps 989w                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Elevation_6580'Completion Date_9/25/75To  | otal Depth <u>375'</u> Land Type* <u>N/A</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Casing, Sizes, Types & DepthsN/A          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| If Casing is cemented, show amounts & ty  | pes used N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| If Cement or Bentonite Plugs have been p  | placed, show depths & amounts used                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| N/A                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Depths & thickness of water zones with o  | lescription of water when possible:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Fresh, Clear, Salty, Sulphur, Etc.        | 10' MERENEF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Depths gas encountered: N/A               | MAY 3 1 1991                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Type & amount of coke breeze used: 22     | OIL CON. DE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Depths anodes placed: 2101 2001 2001 2001 | 240' 185' 175' 165' 155' 145'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Depths vent pipes placed: N/A             | <u>, 240</u> , 100 , 175 , 100 , 100 <u>,</u> 100 |
| Vent nine perforations: 2201              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Pomarke: - #1                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Nemarks. gd #1                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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.

| Received by OCD: 4/4/2023.1:30-397M E                                                                                                       | <b>Page 59 of 67</b> |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| 30-045-262803931                                                                                                                            |                      |
| DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WE<br>NORTHWESTERN NEW MEXICO<br>(Submit 3 copies to OCD Aztec Office)                   | CLLS                 |
| Operator <u>MERIDIAN OIL INC.</u> Location: Unit L_Sec. <sup>28</sup>                                                                       | wp_26_Rng_20         |
| Name of Well/Wells or Pipeline Serviced <u>HUERFANO UNIT #202E</u>                                                                          |                      |
|                                                                                                                                             | cps 1855w            |
| Elevation <u>6632w</u> Completion Date <u>8/14/87</u> Total Depth <u>440'</u> Land T                                                        | Type*_N/A            |
| Casing, Sizes, Types & DepthsN/A                                                                                                            |                      |
| If Casing is cemented, show amounts & types used <u>N/A</u><br>If Cement or Bentonite Plugs have been placed, show depths & a<br><u>N/A</u> | amounts used         |
| Depths & thickness of water zones with description of water wh                                                                              | en possible:         |
| Fresh, Clear, Salty, Sulphur, Etc. <u>160' SAMPLE TAKEN</u>                                                                                 |                      |
| Depths gas encountered: N/A                                                                                                                 |                      |
| Type & amount of coke breeze used: N/A                                                                                                      |                      |
| Depths anodes placed: 405', 395', 385', 375', 365', 320', 310', 300', 2                                                                     | 290', 283', 275      |
| Depths vent pipes placed: 430' DECEIVE                                                                                                      | <u>IDJ</u>           |
| Vent pipe perforations: 300' MAY31/19911                                                                                                    |                      |
| Kremarks: (gb #1 OIL CON. DIV                                                                                                               | <u>l.'</u>           |
| 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.

## -Received by OCD: 4/4/2023 1:30:39 PM

| ·        | WELL CASING                    |
|----------|--------------------------------|
| CATHODIC | PROTECTION CONSTRUCTION REPORT |
|          | DAIE Y LOG                     |

| <i>ceived by OCD: 4/4</i>          | 4/2023      | 1:30:39 PM                            | ATHO                |               | ROTE     | WELL C    | CASING           | ION                |                                              | Сел<br>т <sup>8-</sup> | 18-87/            | Page 60 of 67 |
|------------------------------------|-------------|---------------------------------------|---------------------|---------------|----------|-----------|------------------|--------------------|----------------------------------------------|------------------------|-------------------|---------------|
|                                    |             |                                       |                     |               |          | DAILY     | LOG              |                    |                                              |                        | - (               |               |
| Orilling Log (Attach He            | reto)       |                                       |                     |               |          | 95-9      | 418.01           |                    | C                                            | mpletion Da            | te8/14/           | 87            |
| PS #                               | Well Name   | Line or Plant:                        |                     |               |          | Work Orde |                  |                    | L-LEV.<br>Static:                            | 6632                   | Ins. Union Check  |               |
|                                    |             | <u></u>                               |                     |               | 242 0    |           |                  |                    | 754                                          |                        | - X Good          | 🗖 844         |
| /855W                              | Huer        | <u>+ANO</u>                           | LAIT                |               | 20212    |           |                  |                    | ./ <u>5</u> V                                | <u>N_</u> _            |                   |               |
| ocation:                           | ^           | node Size:                            |                     | Anode Typ     | e:<br>N  | •         | 5                | Size Bi            | 31.                                          |                        |                   |               |
| 500 28-26                          | ~/0         | <u> </u>                              | Duillia             | a Ria Tima    | Dari     |           | Lbs. Cales Used  | - 6                | 0 14<br>Lou Circulation                      | Mar's Fland            | No. Sauka Mud Lle |               |
| 440                                | Depta 1     | 430                                   | Cum                 | of with thise |          |           |                  |                    |                                              | I MA I UKU             | 140. Saces mud Us |               |
| Anode Depth                        |             |                                       | 1                   |               | т .<br>1 |           |                  | Ţ                  | ~                                            | 1                      | !                 | l             |
| <u>#1 405 #23</u>                  | 95          | # 3 585                               | #4                  | 375           | # 5 ,    | 365       | # 6 <u>3</u> 2/0 | # 7                | 310                                          | #8 300                 | ×9 290            | # 10 283      |
|                                    | 65          | # 3 4.3                               | <br> ≠4             | 4.7           | ≠5       | 5.7       | # 5 2.           | ।<br>ेम 7          | 5.4                                          | 108 4.5                | #9 4.3            | 1 10 5.8      |
| Anode Depth                        |             | !                                     | 1                   |               | +        |           | <u> </u>         | 1                  |                                              | 1                      | <u> '-</u><br>!   | 1             |
| <u>* 11Z75 '* 12</u>               |             | # 13                                  | <b>≈</b> 14         | <u>.</u>      | # 15     |           | # 16             | . <del> </del> # 1 | 7                                            | # 18                   | # 19              | # 20          |
| = 11 4.1 "= 12                     |             | ו<br>א 13                             | <br> # 14           |               | ⊺<br>    |           | # 16             | <br> #_            | 7                                            | l<br>.# 18             | i<br>1 = 19       | # 20          |
| Total Circuit Besista              | nce         | · · · · · · · · · · · · · · · · · · · | 1                   |               |          | /         | No. 8 C.P. Cat   | ale U              | sed                                          | · · · · · ·            | No. 2 C.P. Ca     | ole Used      |
| Volts 11.5                         | ¦ Am        | os 19.7                               | <u>'</u>            | hms           | .5.8     |           | 1                |                    | ·······                                      |                        |                   |               |
| conered in                         | rth         | cape,                                 | <u>Ine</u><br>5. B. | ng -          | 843      | 00.0      | 0 -              |                    | <u>    .    .                           </u> |                        |                   | . •           |
| Rectifier Size:<br>Addn'l Depth    | <u>40 v</u> |                                       | A P                 | . Ρ.          |          |           |                  |                    |                                              | All Construc           | tion Complete     | d .           |
| Depth Credit:                      | 70          |                                       |                     |               | - 28     | 0.00      | × 1020           | 00                 |                                              | ·                      | 6                 |               |
| Extra Cable:                       |             | <u>60'</u>                            |                     |               | 4        | 0.00      | 1                |                    |                                              | 12                     | State             | $\partial$ —  |
| Ditch & I Cabler<br>Ditch & 2 Cabl | e:          | 130'                                  |                     |               | 1        | 2.15      | _                | _                  |                                              | (Sie                   | nature)           |               |
| 25' Meter Pole                     | :           | <u> </u>                              | •                   |               | Ø        | 7.60      |                  |                    |                                              |                        |                   |               |
| 201 Heter Pole                     | ::          | <del>-</del>                          |                     |               |          |           | /                |                    |                                              |                        |                   |               |
| Junction Box:                      |             |                                       |                     |               | 13       |           | 1                | ç.                 |                                              |                        |                   |               |
|                                    |             | ~ " ~                                 |                     |               | 4-       | 0.00      | 4387.1-          | _                  |                                              |                        |                   |               |
| SCT 20                             | 0+          | F PVC                                 | CASG                | ' Ny          | 44       | 0.00      |                  |                    |                                              |                        |                   |               |
|                                    |             |                                       |                     | 4             | 1820     | 7.75      | -                |                    |                                              |                        |                   | <b>.</b> .    |
|                                    |             |                                       | TA                  | ×             | 241      | . 49      |                  |                    |                                              | / r                    | ,                 | · · · •       |
|                                    |             | To                                    | TAL                 | ۍ 🗶 ـ         | 071      | .24       | *                |                    | 130                                          | ·                      | 185               |               |
| <b>.</b> .                         |             |                                       |                     |               |          |           | Ľ                |                    |                                              |                        |                   |               |
|                                    |             |                                       |                     |               |          |           |                  |                    |                                              | ,                      |                   |               |
|                                    |             |                                       |                     |               |          |           |                  |                    |                                              |                        | 1                 |               |
|                                    |             |                                       |                     |               | · -      |           | $\overline{}$    |                    |                                              |                        |                   | <b>\</b>      |
| · ·                                |             |                                       |                     |               | ~        |           | <u> </u>         | <u>-</u>           |                                              |                        | ٢                 |               |
|                                    |             |                                       |                     | 106           | 35       |           |                  |                    |                                              |                        |                   |               |
| leased to Imaging:                 | 4/28/2      | 023 1:36:34 P                         | M                   | U.            |          |           | •                |                    |                                              |                        |                   |               |

*Received by OCD: 4/4/2023 1:30:39 PM* 

. · · · •

•

## ERIDIAN OIL

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

Date 8/14/87

Page 61 of 67

1855 W DEEP

DEEP WELL GROUNDBED LOG

· -

Cps 1855 W Company Meri Hartfano

44 012

|             | - W             | /eli     | No         | _        |     |          | 601                    | _ 15 | l lo | cation       | )         |          |               |                    | 2.6              | -/       | 0        |             |          |   | Va | its A     | ppl           | ied · | /    | <u> </u>                |          | - A      | мр       | ere       | •-           | 9.   | .7        |
|-------------|-----------------|----------|------------|----------|-----|----------|------------------------|------|------|--------------|-----------|----------|---------------|--------------------|------------------|----------|----------|-------------|----------|---|----|-----------|---------------|-------|------|-------------------------|----------|----------|----------|-----------|--------------|------|-----------|
|             | 5               |          |            |          |     |          |                        |      | ·    | 230          | Ľ         | 5        |               |                    |                  |          |          | 455         |          |   |    |           | T             | T     | 680  | T                       | Ī        |          |          |           |              |      |           |
|             | 10              |          |            |          |     |          |                        |      |      | 235          |           | 7        |               |                    |                  |          |          | 460         |          |   |    |           |               | 1     | 685  |                         |          |          |          |           |              |      |           |
|             | 15              |          |            |          |     |          |                        |      |      | <b>#</b> 240 |           | ξ        |               |                    |                  |          |          | 465         |          |   |    |           |               |       | 690  |                         |          |          |          |           |              |      |           |
|             | 20              |          |            |          |     |          |                        |      |      | 245          |           | 4        |               |                    |                  |          |          | 470         |          |   |    |           | T             | Τ     | 695  |                         | Γ        |          |          |           |              |      | <b></b>   |
|             | 25              |          |            |          |     |          |                        |      |      | 250          |           | 5        |               | WA                 | Te               | L        |          | 475         |          |   |    |           |               | 1     | 700  |                         |          |          | Π        |           |              |      |           |
|             | 30              |          |            |          |     |          |                        |      |      | 255          |           | 6        |               |                    |                  |          |          | 480         |          |   |    |           |               |       | 705  |                         |          | 1        |          |           |              |      |           |
|             | 35              |          |            |          | ·   |          |                        |      |      | 260          | 1         | 0        |               |                    |                  |          | _        | 485         |          |   |    |           |               |       | 710  |                         | Γ        |          |          |           |              |      |           |
|             | 40              |          |            |          |     |          |                        |      |      | 265          |           | 4        |               |                    |                  |          |          | 490         |          |   |    |           |               |       | 715  |                         |          |          |          |           |              |      |           |
|             | 45              | _        |            |          |     |          |                        |      |      | 270          |           | 9        |               |                    | C                |          |          | 495         |          |   |    |           |               |       | 720  |                         |          |          |          |           |              |      | $\square$ |
| •           | 50              |          | <u> </u>   |          |     |          |                        |      |      | 275          | 2         | 0        | -             | <u>+ '</u>         | P                |          |          | 500         |          |   |    |           |               |       | 725  | $\overline{\mathbb{Z}}$ | 40       | 5.       | 2        | 7-        |              | 5    | 7         |
|             | 55              | _        |            |          |     |          |                        |      | -    | 280          | Ζ,        | 5        | -             | $\widehat{\omega}$ |                  |          |          | 505         |          |   |    |           |               |       | 730  | 2.                      | 39       | 5-       | 3        | 0 -       | - 1          | 6.   | 2         |
|             | 60              |          |            |          |     |          |                        |      |      | 285          | 2         | 7        |               |                    |                  |          |          | 510         |          |   |    |           |               |       | 735  | 3 -                     | 38       | 5        | 2.       | 9-        | •            | 4.   | 3         |
|             | 65              | L        |            |          |     |          |                        |      |      | 290          | 2         | 8        |               | ( <u>9</u> )       |                  |          |          | 515         |          |   |    |           |               |       | 740  | 4-                      | 87       | ري       | 2:       | 8 -       |              | 4.   | 7         |
|             | 70              |          |            |          |     |          |                        |      |      | 295          | 2         | 7        |               | Ĺ                  |                  |          |          | 520         |          |   |    |           |               |       | 745  | 5-                      | 36       | 5-       | 3        | 0         | -            | 5.   | 7         |
|             | 75              |          |            |          |     |          |                        |      |      | 300          | 2,        | 7        | -             | Ø                  |                  |          |          | 525         |          | · |    |           |               |       | 750  | 6-                      | 3z       | 0-       | 2        | 5-        | •            | 2    | 7         |
|             | 80              |          |            |          |     |          |                        |      |      | 305          | 2.        | 6        |               |                    |                  |          |          | 530         | -        |   |    |           |               | ľ     | 755  | 2.                      | 31       | 0-       | 2        | 9-        | -            | 5    | 4         |
|             | 85              |          |            |          |     |          |                        |      |      | 310          | 3.        | 1        | Ŀ             | (b)                |                  |          |          | 535         |          |   |    |           |               |       | 760  | 8-                      | 30       | 0-       | 2        | 8 -       | -            | 4    | کا        |
|             | 90              | _        |            |          |     |          |                        |      |      | 315          | Z         | 6        |               |                    |                  |          |          | 540         |          |   |    |           |               |       | -765 | 9.                      | 29       | 0-       | 2.       | 7-        | Ŀ            | 4.   | 3         |
|             | <sup>.</sup> 95 |          |            |          |     |          |                        |      |      | 320          | 3         | 2        | E.            | 6                  |                  |          |          | 545         |          |   |    |           |               |       | 770  | 10-                     | 2        | 8        | 3        | 0-        | -            | Ś    | 8         |
|             | 100             |          | ļ          |          |     |          |                        |      |      | 325          | 2.        | 2        |               | Ľ                  | <u> </u>         |          |          | 550         |          |   |    |           |               | 1     | 775  | <u>u</u>                | 27       | . ک      | 3.       | 0-        |              | 4.   |           |
|             | 105             | _        |            |          |     |          |                        |      |      | 330          | <u>z.</u> | 1        |               |                    |                  |          |          | 555         |          |   |    |           |               |       | 780  |                         | <u> </u> |          |          |           |              |      |           |
|             | 110             |          |            | L        |     |          |                        |      |      | 335          | 2         | 1        | ļ             |                    |                  |          |          | 560         |          |   |    |           |               |       | 785  |                         |          |          |          |           |              |      | L         |
|             | 115             |          |            |          |     |          |                        |      |      | 340          | 2.        | 1        |               |                    | <u> </u>         |          |          | 565         |          |   |    |           |               |       | 790  |                         |          |          |          |           | $\square$    |      | L         |
|             | 120             |          | <u> </u>   |          | ·   |          |                        |      |      | 345          |           | 2        | <u> </u>      |                    |                  | ļ        |          | 670         |          | _ |    |           |               |       | 795  |                         |          |          |          | $\square$ |              |      |           |
|             | 125             |          | <u> </u>   |          |     |          |                        |      | <br> | 350          | L         | 8        | <b> </b>      |                    | <u> </u>         |          | <u> </u> | 575         |          |   |    |           |               |       | 800  | .                       |          |          |          | $\square$ |              |      | L         |
|             | 130             |          | <b> </b>   |          |     |          |                        |      |      | 355          | L         | 3        | <b>[</b>      | [                  | <u>[</u>         | <u> </u> |          | <b>58</b> 0 |          |   |    |           |               |       | 805  |                         | <b> </b> |          |          |           |              |      | ļ.        |
|             | 135             | Ĺ        | _          |          |     |          |                        |      |      | 360          | 2         | 1        | <b> </b>      |                    | <b> </b>         |          |          | 585         |          |   |    | $\square$ |               |       | 810  |                         | <u> </u> |          |          | $\square$ |              |      | ┣—        |
|             | 140             |          | $\vdash$   |          |     |          |                        |      |      | 365          | 2.        | 9        | <u> </u>      | Ø                  |                  |          |          | \$90        |          |   |    |           | +             |       | 815  | <b>-</b>                | <b> </b> | <b> </b> |          |           | ŀ            |      | <b> </b>  |
|             | 145             | _        |            |          |     |          |                        |      |      | 370          | Z         | 8        |               |                    | <u> </u>         | <b> </b> |          | 395         |          |   |    | -         | +             |       | 620  | <b>_</b>                | <u> </u> | ┣        |          |           | $\square$    |      | <b> </b>  |
|             | 150             | -        | <u> </u>   | ┝        |     |          |                        |      |      | 375          | 2.        | 8        | ╞             | (W)                | <b> </b>         | <b> </b> | -        | 600         |          |   |    |           |               |       | 825  |                         | ┨        |          | $\vdash$ |           |              | · .  | <u> </u>  |
|             | 155             |          |            |          |     |          |                        |      |      | 380          | 2.        | 2        |               |                    | <u> </u>         |          |          | 605         |          |   |    |           | +             |       | 0CB  |                         |          |          | -        | $\vdash$  | ┝━┛          |      | ŀ.        |
|             | 160             |          | -          | M        | A   | Ζđ       | Z                      |      |      | 385          | 2         | 9        | <b>F</b>      | 8                  |                  |          |          | 610         |          |   |    | <u> </u>  | $\rightarrow$ |       | 835  |                         |          |          | $\vdash$ |           |              |      | ┝         |
|             | 165             | _        |            |          |     | _        |                        |      |      | 390          | 12        | 17       |               |                    | ╞                | _        |          | 615         | ·        |   |    |           |               | +     | 840  |                         | ╞        |          |          |           |              |      | <u> </u>  |
|             | 170             |          | -          |          |     | _        |                        |      |      | 395          | A         | K<br>K   | F             | (Z)                |                  |          | _        | 620         |          |   |    |           | _             | +     | 845  |                         | -        |          | ┟─┤      |           | $\square$    | i    | $\vdash$  |
|             | 175             | -        |            | <u> </u> |     |          |                        |      | ļ    |              | 4         | 8        |               |                    | -                |          |          | 625         |          |   | -  |           | -+-           | +     | 850  |                         | ·        |          | ┢─┤      | '         | ļ.           |      | ┝─        |
|             | 180             |          |            |          |     |          |                        |      |      | 405          | 12        | 2        | F             | μĊ                 |                  |          |          | 630         |          |   |    |           | -+-           | +     | 855  |                         |          |          | ┝╼┥      | $\vdash$  | <b> </b>     | <br> | ⊢         |
|             | 185             | <u>.</u> |            |          |     |          |                        |      |      | 410          | 14        | 6        | ┣             | -                  | ╂                | ┝        |          | 635         |          |   | _  |           | ╉             | +     | 860  | <u> </u>                | ┼╌       | <u> </u> | ┝──┤     | ┟──┙      | ┢━┥          |      | -         |
|             | 190             | -        | <u> </u>   |          | -   |          |                        |      | -    | 415          | H-        | 4        |               | ╞──                | <u> </u>         | <u> </u> |          | 640         |          |   | ŀ  | $\vdash$  | _             | +-    | 865  | ┣                       | ╞        |          | ┢──┤     | ┝──╵      | <b>├</b> ──┤ |      | H         |
|             | 195             | -        |            |          | H   |          | _                      |      |      | 420          | 12        | 2        | ┣             | ┝                  |                  | ┣        |          | 043         | ┝╌┤      |   |    | $\vdash$  | +             |       | 870  | -                       | ┼─       | ╞        | ┝──      | <u></u>   | ┢╧┙          |      | H         |
|             | 200             | -        | <u>ح</u> ر |          |     |          |                        |      |      | 425          | $\vdash$  | 1 ð      | -             | ┝                  | -                |          |          | 650         |          |   |    | ┝╾┼       | ┽             | +-    | 875  | $\vdash$                |          | ┼──      | ┢──      | ┢         | ╂━┙          |      | F         |
|             | 205             | $\vdash$ |            |          |     |          |                        |      |      | 430          | <u> </u>  | -        | ┟┈┑           | 4                  | ┢                | ┝        | -        | 655         |          |   |    |           | ╉             |       | 680  |                         | ╂──      | ┢        | ┢─       | ┢╌        | ┢            | -    | $\vdash$  |
|             | 210             |          | 5          | ┝━       |     |          |                        |      |      | 435          | ┣-        |          |               | <u> </u>           | $\left  \right $ |          | ╞──      | 660         |          |   | -  | ┝━╋       | ╀             | +     | 885  | -                       | ┼╌       | ╂━─      | ┟╼╼      | ┢──       | ┢──          |      | $\vdash$  |
|             | 215             | $\vdash$ | 7          | ┣        |     |          |                        |      | ┣    | 440          | $\vdash$  | 0,       | μ <i>ί</i> ι. | <u>K</u> e         | ╡╧               | -1       | 0        | 665         |          |   | -  | -+        | +             | +-    | 890  | $\vdash$                |          | ┼┈       | ┢──      | ┢         | ┢╌           |      | ┝         |
| _           | 220             |          | 6          |          | Н   | $\vdash$ | $\left  \cdot \right $ |      | ⊢    | 445          | $\vdash$  | <u> </u> | _             | ⊢                  | $\vdash$         |          | [        | 670         | $\vdash$ |   | [  | ┝╌╀       | -+-           | +-    | 895  |                         | ╞        | ┞        |          | ⊢         | ┣—           |      | $\vdash$  |
| Released to | o Insi          | in       | -4         | (28/     | 202 | 13 1     | :30                    | :34  | P    | <u>150 X</u> | <u>L</u>  |          | Ł             | L,                 | I                | <u> </u> | 1        | 675         |          | Ĺ |    |           |               |       | 900  |                         | 1        | L        | <u> </u> | L         | L            | ţ.   | L.        |



)

### Released to Imaging: 4/28/2023 1:36:34 PM

• Received by OCD: 4/4/2023 1:30:39 PM

.

.

| . Λ        | NS, INC.                              | 1855W                                 |                                 |                                       |                                                 |  |  |  |  |  |  |  |
|------------|---------------------------------------|---------------------------------------|---------------------------------|---------------------------------------|-------------------------------------------------|--|--|--|--|--|--|--|
| Ian hra    | $\sim$                                | AZTEC, NEW MEXICO 87410               |                                 |                                       |                                                 |  |  |  |  |  |  |  |
| ···M       | 11,                                   |                                       |                                 |                                       |                                                 |  |  |  |  |  |  |  |
| MPANY ///. | RT                                    |                                       |                                 |                                       |                                                 |  |  |  |  |  |  |  |
|            |                                       | WELL NUMBER:                          | WELL NUMBER: SECTION: TOWNSHIP: |                                       |                                                 |  |  |  |  |  |  |  |
| 4 verfa    | no                                    | 202E                                  | 28                              | 26 N                                  | <u>    10  u/                              </u> |  |  |  |  |  |  |  |
| V          | WATER AT:                             |                                       | HOLE MADE:                      |                                       |                                                 |  |  |  |  |  |  |  |
|            |                                       | DESCRIPTION OF                        | FORMATION                       |                                       |                                                 |  |  |  |  |  |  |  |
| FROM       | то                                    |                                       | FORMATION I                     | S                                     | COLOR                                           |  |  |  |  |  |  |  |
| 0          | 80                                    | Sand                                  |                                 |                                       |                                                 |  |  |  |  |  |  |  |
| 80         | 140                                   | Sandy                                 | Shale                           | ~                                     |                                                 |  |  |  |  |  |  |  |
| 140        | \$2.00                                | Sand                                  | ,                               |                                       |                                                 |  |  |  |  |  |  |  |
| 200        | 260                                   | Shale                                 |                                 | · · · · · · · · · · · · · · · · · · · |                                                 |  |  |  |  |  |  |  |
| 260        | 300                                   | Sampley                               | Shile                           | /                                     |                                                 |  |  |  |  |  |  |  |
| 300        | 440                                   | Shale                                 |                                 |                                       |                                                 |  |  |  |  |  |  |  |
|            |                                       |                                       |                                 |                                       |                                                 |  |  |  |  |  |  |  |
|            |                                       |                                       |                                 |                                       |                                                 |  |  |  |  |  |  |  |
|            |                                       | Th                                    | 120                             |                                       |                                                 |  |  |  |  |  |  |  |
|            |                                       | $1D^{-1}$                             | +30                             |                                       |                                                 |  |  |  |  |  |  |  |
|            |                                       |                                       | •                               | 110-1-1-1                             |                                                 |  |  |  |  |  |  |  |
|            |                                       |                                       |                                 |                                       |                                                 |  |  |  |  |  |  |  |
| <u> </u>   |                                       |                                       |                                 |                                       |                                                 |  |  |  |  |  |  |  |
| <u> </u>   |                                       | · · · · · · · · · · · · · · · · · · · |                                 |                                       |                                                 |  |  |  |  |  |  |  |
|            | · · · · · · · · · · · · · · · · · · · |                                       |                                 |                                       |                                                 |  |  |  |  |  |  |  |
|            |                                       |                                       |                                 |                                       |                                                 |  |  |  |  |  |  |  |
|            |                                       |                                       |                                 |                                       |                                                 |  |  |  |  |  |  |  |
|            |                                       |                                       |                                 |                                       | i                                               |  |  |  |  |  |  |  |
|            |                                       |                                       |                                 |                                       |                                                 |  |  |  |  |  |  |  |
|            |                                       |                                       |                                 |                                       |                                                 |  |  |  |  |  |  |  |

----

| 30-045-20739                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------|
| DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS<br>NORTHWESTERN NEW MEXICO<br>(Submit 3 copies to OCD Aztec Office) |
| Operator <u>MERIDIAN OIL</u> Location: Unit <u>NW</u> Sec.29 Twp 26 Rng 10                                                   |
| Name of Well/Wells or Pipeline Serviced <u>HUERFANO UNIT #218</u>                                                            |
| cps 991w                                                                                                                     |
| Elevation <u>6798'</u> Completion Date <u>9/19/75</u> Total Depth <u>460'</u> Land Type* <u>N/A</u>                          |
| Casing, Sizes, Types & Depths24' OF STEEL CASING                                                                             |
|                                                                                                                              |
| If Casing is cemented, show amounts & types used <u>N/A</u>                                                                  |
| If Cement or Bentonite Plugs have been placed, show depths & amounts used                                                    |
| Depths & thickness of water zones with description of water when possible:                                                   |
| Fresh, Clear, Salty, Sulphur, Etc. 190' DEGENVE                                                                              |
| Depths gas encountered: N/A MAY 31 1991                                                                                      |
| Type & amount of coke breeze used: 4400 lbs. OIL CON. D                                                                      |
| <b>Depths anodes placed:</b> <u>410', 400', 380', 370', 360', 350', 340', 320',310', 250'</u>                                |
| Depths vent pipes placed: <u>N/A</u>                                                                                         |
| Vent pipe perforations: 200'                                                                                                 |
| Remarks: <u>gb</u> #1                                                                                                        |

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.

-

30-045-20814

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

| Operator <u>MERIDIAN OIL</u> Locatic                       | n: Unit <u>SE</u> Sec.29 Twp 26 Rng 10                                                                           |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Name of Well/Wells or Pipeline ServicedH                   | FRFANO UNIT #219                                                                                                 |
|                                                            | cps 992w                                                                                                         |
| Elevation <u>6571</u> Completion Date <u>9/19/75</u> Total | Depth <u>400'</u> Land Type* <u>N/A</u>                                                                          |
| Casing, Sizes, Types & Depths <u>N/A</u>                   |                                                                                                                  |
|                                                            |                                                                                                                  |
| If Casing is cemented, show amounts & types                | used <u>N/A</u>                                                                                                  |
|                                                            |                                                                                                                  |
| If Cement or Bentonite Plugs have been place               | d, show depths & amounts used                                                                                    |
| N/A                                                        |                                                                                                                  |
| Depths & thickness of water zones with descr               | iption of water when possible:                                                                                   |
| Fresh, Clear, Salty, Sulphur, Etc125!                      | and the second |
|                                                            | MEREIVER                                                                                                         |
| Depths gas encountered: <u>N/A</u>                         | MAY 3 1 1991                                                                                                     |
| Type & amount of coke breeze used:4800 lbs                 | OIL CON. D'                                                                                                      |
| Depths anodes placed:                                      | 00', 290', 2 <b>015T.</b> 250', 240', 150'                                                                       |
| Depths vent pipes placed:N/A                               |                                                                                                                  |
| Vent pipe perforations:225'                                |                                                                                                                  |
| Remarks: <u>gb #1</u>                                      |                                                                                                                  |

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.

| Received by      | Page (Cof 67) Page (Cof 67)                                                                                                                                                                                                             |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | 30-045-26281                                                                                                                                                                                                                            |
| • •              | DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS<br>NORTHWESTERN NEW MEXICO<br>(Submit 3 copies to OCD Aztec Office)                                                                                                            |
|                  | Operator <u>MERIDIAN OIL INC.</u> Location: Unit <u>NE Sec.29 Twp 26 Rng 10</u>                                                                                                                                                         |
| 1                | Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #218E                                                                                                                                                                             |
| ۰<br>۰<br>۰      | cps 1860w                                                                                                                                                                                                                               |
|                  | Elevation6540' Completion Date 8/13/87 Total Depth 400' Land Type* N/A                                                                                                                                                                  |
|                  | Casing, Sizes, Types & DepthsN/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:                                                                                                                                                              |
| ,<br>A           | Fresh, Clear, Salty, Sulphur, Etc. <u>160' SAMPLE TAKEN</u>                                                                                                                                                                             |
|                  | Depths gas encountered: N/A                                                                                                                                                                                                             |
|                  | Type & amount of coke breeze used: N/A                                                                                                                                                                                                  |
|                  | Depths anodes placed: 350', 340', 330', 320', 310', 280', 245', 230', 220', 210'                                                                                                                                                        |
| /                | Depths vent pipes placed: 395'                                                                                                                                                                                                          |
|                  | Vent pipe perforations: 340'                                                                                                                                                                                                            |
| <sup>ي</sup> د   | Remarks: gb #1 DTECEIVE                                                                                                                                                                                                                 |
|                  | MAY 31,1991DI                                                                                                                                                                                                                           |
| A CARACTER STATE | If any of the above data is unavailable, please ind to be so. Copies of all<br>logs, including Drillers Log, Water Analyses & Well Bore Schematics should<br>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.                                                                                                                                                                                                 |
|                  | a second seco                                                                                                                         |

n Art 2 a

5 Pa

. structured its

.

4 ~

,

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

| Operator: |                                | OGRID:                                    |
|-----------|--------------------------------|-------------------------------------------|
| E         | Enterprise Field Services, LLC | 241602                                    |
| P         | PO Box 4324                    | Action Number:                            |
| Н         | łouston, TX 77210              | 204086                                    |
|           |                                | Action Type:                              |
|           |                                | [C-141] Release Corrective Action (C-141) |

### CONDITIONS

| Created<br>By | Condition | Condition<br>Date |
|---------------|-----------|-------------------|
| nvelez        | None      | 4/28/2023         |

Action 204086

Page 67 of 67 CONDITIONS