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30-045-11385

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. 15 Twp 32 Rng 7Name of Well/Wells or Pipeline Serviced ALLISON UNIT #16cps 1662wElevation 6855' Completion Date 9/7/83 Total Depth 520' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/AIf Cement or Bentonite Plugs have been placed, show depths & amounts used
N/ADepths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. WATER SAND 245' - 265' & 300' - 310'SAMPLE TAKENDepths gas encountered: N/AType & amount of coke breeze used: 5100 lbs.Depths anodes placed: 490', 470', 450', 410', 380', 365', 350', 335', 315', 290'Depths vent pipes placed: 520'Vent pipe perforations: 320'Remarks: gb #1**RECEIVED**
MAY 31 1991
OIL CON. DIV.
DIST. 3

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐Completion Date 9-7-83CPS # 1662W Well Name, Line or Plant: ALLISON 16 Work Order # 53529 Static: .76 Ins. Union Check

Location: <u>SW15-32-7</u>		Anode Size: <u>2" x 60"</u>		Anode Type: <u>DURIRON</u>		Size Bit: <u>6 3/4"</u>		☒ Good ☐ Bad	
Depth Drilled: <u>520'</u>	Depth Logged: <u>510'</u>	Drilling Rig Time		Total Lbs. Goke Used: <u>5100</u>		Lost Circulation Mat'l Used		No. Sacks Mud Used	
Anode Depth # 1 <u>490</u> # 2 <u>470</u> # 3 <u>450</u> # 4 <u>410</u> # 5 <u>380</u> # 6 <u>365</u> # 7 <u>350</u> # 8 <u>335</u> # 9 <u>315</u> # 10 <u>290</u>									
Anode Output (Amps) # 1 <u>310</u> # 2 <u>300</u> # 3 <u>2.78</u> # 4 <u>3.20</u> # 5 <u>3.40</u> # 6 <u>3.60</u> # 7 <u>2.50</u> # 8 <u>2.85</u> # 9 <u>3.00</u> # 10 <u>2.90</u>									
Anode Depth # 11 # 12 # 13 # 14 # 15 # 16 # 17 # 18 # 19 # 20									
Anode Output (Amps) # 11 # 12 # 13 # 14 # 15 # 16 # 17 # 18 # 19 # 20									
Total Circuit Resistance Volts: <u>72.10</u> Amps: <u>15.45</u> Ohms: <u>.78</u>				No. 8 C.P. Cable Used			No. 2 C.P. Cable Used		

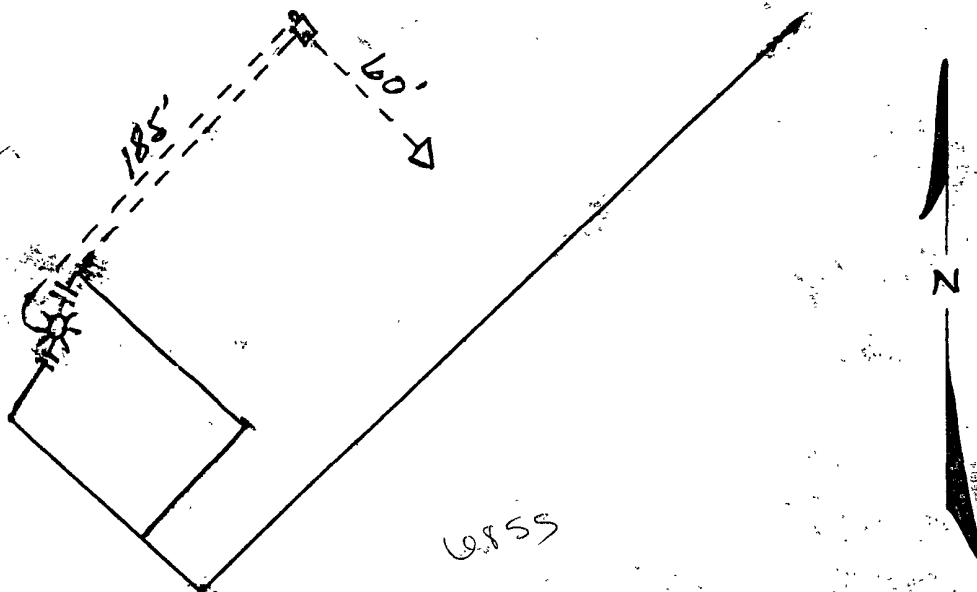
Remarks: Drilled to 320'. Water sand at 245' - 265' & 300' - 310'.
 Set over night. Blow water next AM. Started injection.
 Drilled to 520'. 320' perforated vent 200' plain.

Rectifier Size: 40 V 16 A ✓
 Addn'l Depth: +10' ✓
 Depth Credit: _____
 Extra Cable: 200' ✓
 Ditch & 1 Cable: 245' ✓
 25' Meter Pole: _____
 20' Meter Pole: X ✓
 10' Stub Pole: _____

All Construction Completed

(Signature)

GROUND BED LAYOUT SKETCH



TIME		
DATE	REG	OT
<u>9-7</u>	<u>8</u>	<u>4</u> ✓

LEASE	WELL NO. #16	CONTRACTOR	RIG NO. #3	REPORT NO. 1662	DATE	19 83
Allison			SK Drilling		9-6	
MORNING			DAYLIGHT		EVENING	

[illegible]

1662W
SW15-32-7

ALLISON #16

Drilled to 320' Sand at 245-65 & 300-310' Set over night
Blow water next AM. Started injecting & drilled 520'

320' perforated Vent & 220' plain.

184-53529-19-50-20-6

200	71	80	86	55	88	⑦	30	19	5	97
5	67	85	71	60	91		35	29	10	Bot.
10	79	90	86	65	86		40	39	15	
15	55	95	91	⑩	70	81	⑥	45	52	20
20	63	300	76	75	80		50	68		
25	67	5	71	80	80		55	80	③	
30	62	10	76	85	78	⑤	60	84		
35	73	15	83	90	67		65	85		
40	54	20	83	⑨	95	64	70	82		
45	47	25	84	400	72		75	88	②	
50	44	30	86	5	81		80	89		
55	35	35	80	10	81		85	90		
60	21	40	84	⑧	15	80	④	90	86	
65	49	45	76	20	66		95	94	①	
70	70	50	64	25	70		500	97		
75	70									

H₂O

490	1=.92	3.10	365	6=.81	3.60	
470	2=.76	3.00	350	7=.75	2.50	Valve 12.
450	3=.72	2.78	335	8=.86	2.85	Amps 15.4
410	4=.84	3.20	315	9=.70	3.00	Ohms. 78
380	5=.85	3.40	290	10=.73	2.90	

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSIS

Analysis No. 1-10838 Date September 14, 1983

Operator El Paso Natural Gas Well Name Allison #16 CPS 1662W

Location SW 15-32-7 County San Juan State New Mexico

Field Ignacio Formation _____

Sampled From 305 - 315 feet

Date Sampled September 6, 1983 By Bill Tatum

Tbg. Press. _____ Csg. _____ Surface Csg. Press. _____

ppm	epm	ppm	epm
Sodium <u>637</u>	<u>27.7</u>	Chloride <u>772</u>	<u>21.8</u>

Calcium <u>96</u>	<u>4.3</u>	Bicarbonate <u>288</u>	<u>4.7</u>
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Magnesium <u>18</u>	<u>1.5</u>	Sulfate <u>358</u>	<u>7.5</u>
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Iron _____	_____	Carbonate <u>0</u>	<u>0</u>
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H ₂ S _____	_____	Hydroxide <u>0</u>	<u>0</u>
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cc: R. A. Ullrich
E. R. Paulek
J. W. McCarthy
J. D. Evans
W. B. Shropshire
D. C. Adams
File

Total Solids Dissolved 2,134

pH 7.9

Sp. Gr. 1.0014 At 60°F

Resistivity 238 ohm-cm at 74°F

Dennis P. Bird GCK
Chemist

