

1398

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#5-A 30-045- 24413

#129 30-045- 27133

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. 16 Twp 32 Rng 7Name of Well/Wells or Pipeline Serviced ALLISON UNIT #5A, #129

cps 1654w

Elevation 6471' Completion Date 9/8/83 Total Depth 640' 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. 280'Depths gas encountered: N/AType & amount of coke breeze used: 6400 lbs.Depths anodes placed: 615', 595', 570', 540', 465', 390', 370', 345', 330', 310'Depths vent pipes placed: 640'Vent pipe perforations: 500'Remarks: gb #1**RECEIVED**

MAY 31 1991.

OIL CON. DIV. J
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 9-8-83

CPS # <u>1654W</u>		Well Name, Line or Plant: <u>ALLISON SA</u>		Work Order # <u>57825</u>		Static: <u>.79</u>		Ins. Union Check	
		#129						☒ Good ☐ Bad	
Location <u>SE16-32-7</u>		Anode Size: <u>2" x 60"</u>		Anode Type: <u>DU 12120N</u>		Size Bit: <u>6 3/4"</u>			
Depth Drilled <u>640</u>		Depth Logged <u>640</u>		Drilling Rig Time		Total Lbs. Coke Used <u>6400</u>		Lost Circulation Mat'l Used	
Anode Depth									
# 1 <u>615</u>	# 2 <u>595</u>	# 3 <u>570</u>	# 4 <u>540</u>	# 5 <u>465</u>	# 6 <u>390</u>	# 7 <u>370</u>	# 8 <u>345</u>	# 9 <u>330</u>	# 10 <u>310</u>
Anode Output (Amps)									
# 1 <u>1.85</u>	# 2 <u>1.75</u>	# 3 <u>1.74</u>	# 4 <u>3.20</u>	# 5 <u>2.50</u>	# 6 <u>2.26</u>	# 7 <u>3.05</u>	# 8 <u>3.06</u>	# 9 <u>2.75</u>	# 10 <u>2.75</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						No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
Volts <u>12.07</u>		Amps <u>13.00</u>		Ohms <u>.92</u>					

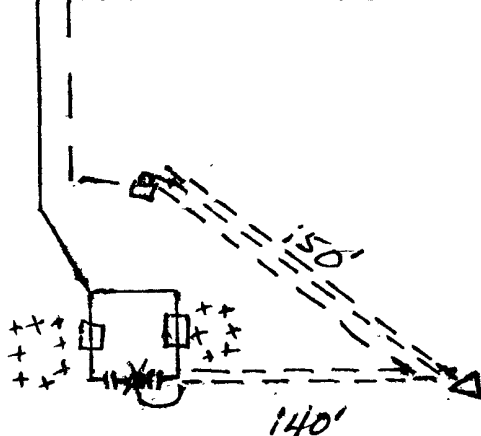
Remarks: Drilled to 380' set over night. Below water from 280'. Drilled up w/ air & drilled ahead to 440'. Tripped out to change bits. Too much water to dry up started injecting & drilled ahead. 440' plain vent pipe.

Rectifier Size: 40 V 16 A
 Addn'l Depth: +140 ✓
 Depth Credit: _____
 Extra Cable: 455' ✓
 Ditch & 1 Cable: 190' ✓
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: X ✓

All Construction Completed

B.T.
(Signature)

GROUND BED LAYOUT SKETCH



TIME

DATE		
<u>9/8</u>	<u>8</u>	<u>5</u>

6471

LEASE	WELL NO. #	CONTRACTOR	RIG NO.	REPORT NO.	DATE	19
Allen Son	SA	SK Drilling	3	1654	9-7	83

[illegible]

165411

SE16-32-7

ALC150N #5A

184-57828-21-50-206

Altered to 280' at overnight flow water sample

met AM. Altered to 400' tried out to change into. Starts

mainly new water starts injection 110' from vent

300	64	80	60	55	62	31	49	5	73
5	61	85	53	60	60	85	69	10	77
16	66	90	56	65	57	40	77	15	64
15	67	95	64	70	64	45	70	20	64
20	44	400	64	75	37	57	41	25	60
25	60	5	59	80	38	55	27	30	49
30	61	10	50	85	32	60	55	35	50
35	63	15	43	90	39	65	55	40	Bar
40	63	20	51	95	30	70	31		
45	64	25	55	500	55	75	61		
50	66	30	53	5	60	80	63		
55	65	35	57	10	58	85	60		
60	60	40	59	15	52	90	58		
65	65	45	43	20	47	95	68		
70	66	50	41	25	46	600	75		
75	62								

615' 1: 68 185
595' 2: 70 175
570' 3: 67 174
540' 4: 99 320
465' 5: 85 250

390' 6: 70 226
370' 7: 110 305
345' 8: 108 306
330' 9: 92 275
310' 10: 102 275

Vol 12.1
Group 13.0
Affinity 9.0

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

Analysis No. 1-10923 Date November 15, 1983

Operator El Paso Natural Gas Well Name Allison 5A CPS 1654W

Location SE 16-32-7 County _____ State New Mexico

Field Ignacio Formation _____

Sampled From 280 feet CPS 1654W

Date Sampled September 8, 1983 By Bill Tatum

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

Sodium	ppm 630	epm 27.4	Chloride	ppm 680	epm 19.2
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Calcium	40	2.0	Bicarbonate	183	3.0
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Magnesium	1	0.1	Sulfate	350	7.3
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Iron	.	.	Carbonate	0	0
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H ₂ S	.	.	Hydroxide	0	0
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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 1,804

pH 8.3

Sp. Gr. 1.0005 At 60°F

Resistivity 270 ohm-cm at 76°F

Joe Barnett

Chemist GCK

