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30-045-11441

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

Operator MERIDIAN OIL Location: Unit NE Sec. 16 Twp 32 Rng 7

Name of Well/Wells or Pipeline Serviced ALLISON UNIT #5

cps 1653w

Elevation 6500' Completion Date 9/9/83 Total Depth 360' 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. 150' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 3600 lbs.

Depths anodes placed: 340', 315', 295', 270', 250', 225', 205', 185', 160', 140'

Depths vent pipes placed: 360'

Vent pipe perforations: 240'

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. DIV.
DIST. ?

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

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

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐Completion Date 9/9/83CPS # 1653W Well Name, Line or Plant: ALLISON 5 Work Order # 20122 Static: 58 Ins. Union Check

												☒ Good ☐ Bad							
Location: <u>NE 16-32-7</u>				Anode Size: <u>2" x 60"</u>				Anode Type: <u>DURIRON</u>				Size Bit: <u>6 3/4</u>							
Depth Drilled: <u>360</u>				Depth Logged: <u>360</u>				Drilling Rig Time				Total Lbs. Coke Used: <u>3600</u>							
Lost Circulation Mat'l Used				No. Sacks Mud Used															
Anode Depth				Anode Output (Amps)				Anode Depth				Anode Output (Amps)							
# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20
<u>340</u>	<u>315</u>	<u>295</u>	<u>270</u>	<u>250</u>	<u>225</u>	<u>205</u>	<u>185</u>	<u>160</u>	<u>140</u>										
<u>275</u>	<u>305</u>	<u>305</u>	<u>300</u>	<u>390</u>	<u>305</u>	<u>325</u>	<u>350</u>	<u>278</u>	<u>264</u>										
Total Circuit Resistance				No. 8 C.P. Cable Used				No. 2 C.P. Cable Used											
Volts <u>12.38</u> Amps <u>1600</u> Ohms <u>77</u>																			

Remarks: Water at 150' Water 30 minutes Blow sample
120' plain vent pipe Stat Balance perforate

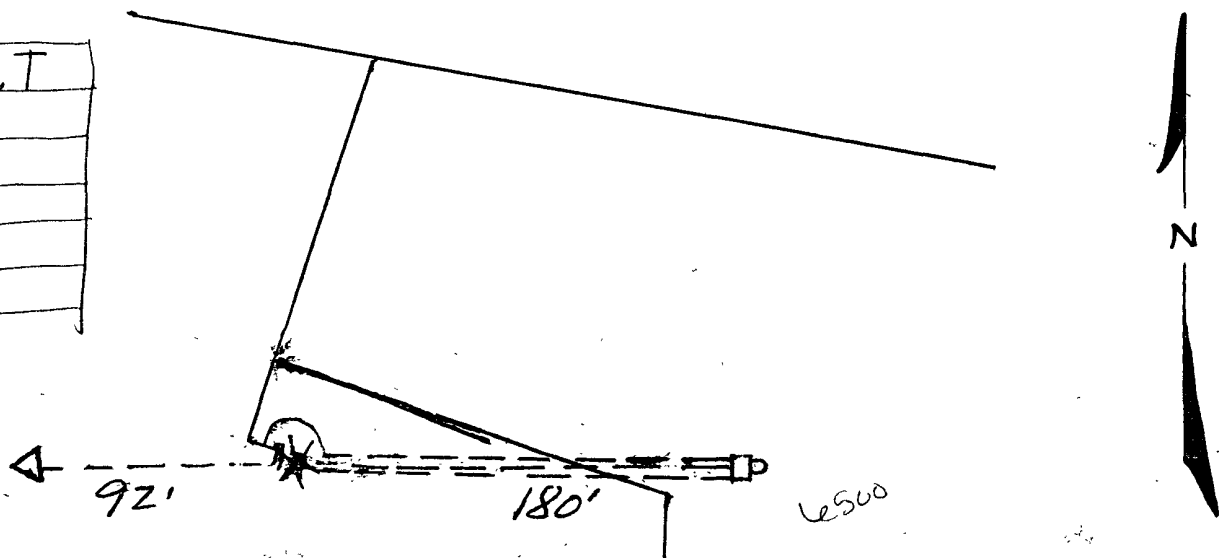
Rectifier Size: 40 V 16 A
 Addn'l Depth: ~~140'~~
 Depth Credit: 140' ✓
 Extra Cable: 375' ✓
 Ditch & 1 Cable: 272' ✓
 25' Meter Pole: ✓
 20' Meter Pole: X ✓
 10' Stub Pole: ✓

All Construction Completed

(Signature)

GROUND BED LAYOUT SKETCH

Reg	O.T
8	1



EL PASO NATURAL GAS COMPANY
DRILLING DEPARTMENT

DAILY DRILLING REPORT

LEASE Allison WELL NO. #5 CONTRACTOR SK Drilling RIG NO. R-3 REPORT NO. 11653 DATE 9-8 19 83

MORNING

DAYLIGHT

EVENING

Driller					Total Men In Crew					Driller					Total Men In Crew					Driller					Total Men In Crew				
FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.	FROM	TO	FORMATION	WT-BIT	R.P.M.

BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.	BIT NO.		NO. DC	SIZE	LENG.
SERIAL NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS			SERIAL NO.		STANDS		
SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES			SIZE		SINGLES		
TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY			TYPE		DOWN ON KELLY		
MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH			MAKE		TOTAL DEPTH		

MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED			MUD RECORD			MUD, ADDITIVES USED AND RECEIVED		
Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.	Time	Wt.	Vis.

FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN	FROM	TO	TIME BREAKDOWN

REMARKS -	REMARKS -	REMARKS -
	water 150'	

SIGNED: Toolpusher

Billy Sornlan

Company Supervisor

David Ashworth

16534

NE 16-32-7

Allison #5

184-20122-19-50-20-6

Water at 1500 Wate 30 minutes. Blue sample.

Drilled 360' deep

100	69	80	65	55	58	30	60	10
5	75	85	64	60	57	35	68	15
10	75	90	66	65	60	40	70	15
15	71	95	62	70	60	45	101	20
20	69	200	60	75	63	50	99	25
25	57	5	63	80	71	55	108	30
30	63	10	64	85	60	60	146 Bottom	35
35	66	15	64	90	62	65		40
40	63	20	60	95	62	70		45
45	62	25	62	300	63	75		50
50	62	30	61	5	65	80		55
55	62	35	62	10	70	85		60
60	58	40	65	15	67	90		
65	60	45	64	20	68	95		
70	67	50	80	25	65	100		
75	71		5					

340' 1 = 98 2.75 225' 6 = 96 3.05 Water 12.5
 315' 2 = 66 3.05 205' 7 = 100 3.25 Sample 16.0
 295' 3 = 78 3.05 185' 8 = 77 3.50 (Wind 7'
 270' 4 = 67 3.00 160' 9 = 84 2.78
 250' 5 = 80 3.90 140' 10 = 86 2.64

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

Analysis No. 1-10921 Date November 15, 1983
Operator El Paso Natural Gas Well Name Allison 5 CPS 1652W
Location NE 16-32-7 County Rio Arriba State New Mexico
Field Ignacio Formation _____

Sampled From 150 feet - CPS 1653W

Date Sampled September 19, 1983 By Bill Tatum

Tbg. Press.	Csg.	Surface Csg. Press.
ppm	epm	ppm
Sodium <u>591</u>	<u>25.7</u>	Chloride <u>340</u>
Calcium <u>6</u>	<u>0.3</u>	Bicarbonate <u>634</u>
Magnesium <u>1</u>	<u>0.1</u>	Sulfate <u>215</u>
Iron _____	_____	Carbonate <u>48</u>
H ₂ S _____	_____	Hydroxide <u>0</u>

cc: R. A. Ullrich
E. R. Paulek
J. W. McCarthy
J. D. Evans
W. B. Shropshire
D. C. Adams
File

Total Solids Dissolved 1,522

pH 8.1

Sp. Gr. 0.9976 At 60°F

Resistivity 333 ohm-cm at 76°F

Joe Barnett

Chemist GCK

