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68-30-039-06847

142-30-039-20466

E

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. 33 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #68, #142
cps 1802w

Elevation 6496' Completion Date 10/24/85 Total Depth 320' 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. 70' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 3940 lbs.

Depths anodes placed: 270', 260', 250', 200', 190', 180', 170', 160', 130', 100'

Depths vent pipes placed: 315'

Vent pipe perforations: 260'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. D.
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 10/24/85

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins Union Check
1802 W	S.J. 27-5 #68 S.J. 27-5 #142	54076 54978	.64V 5 .74V 5	☒ Good ☐ Bad
Location	Anode Size	Anode Type	Size Bit	
NE 33-27-5	2" X 60"	Durion	6 3/4"	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
320	315		3940	
Anode Depth				
# 1 270	# 2 260	# 3 250	# 4 200	# 5 190
# 6 180	# 7 170	# 8 160	# 9 130	# 10 100
Anode Output (Amps)				
# 1 3.8	# 2 4.1	# 3 4.1	# 4 3.8	# 5 4.1
# 6 4.1	# 7 4.1	# 8 3.9	# 9 3.9	# 10 5.1
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 11.8		Amps 19.2		Ohms .61

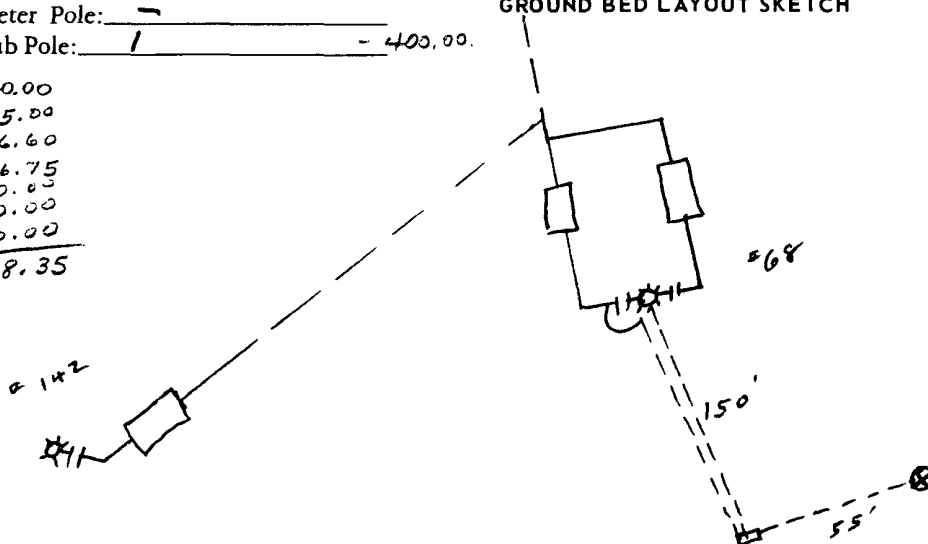
Remarks: Drilled To 140'. Driller said WATER AT 70'. WATER STANDING IN HOLE NEXT A.M. AT 70'. Drilled To 320', Logged 315'.
INSTALLED 315' of 1" P.V.C. VENT PIPE, PERFORATED TO 55'.

Rectifier Size: 60 V 30 A - 1150.00
 Addn'l Depth:
 Depth Credit: 185' x 3.00 = 555.00
 Extra Cable: 180' x .37 = 66.60
 Ditch & 1 Cable: 205' x 1.35 = 276.75
 25' Meter Pole:
 20' Meter Pole:
 10' Stub Pole: 1 - 400.00

4740.00
 - 555.00
 66.60
 276.75
 1150.00
 400.00
 300.00

 # 6378.35

GROUND BED LAYOUT SKETCH



All Construction Completed

(Signature)
 (Signature)

Time	Ag.	O.T.
10/24/85	8	3

EL PASO NATURAL GAS COMPANY
CONSTRUCTION LOGGING READINGS

CPS #: 1802 W WELL NAME: SJ 27-5 #68 LOCATION: NE 33-27-5 DATE: 10/24/85
TOTAL VOLTS: 11.8 TOTAL AMPS: 19.2 OHMS RESISTANCE: .61

												ANODE READINGS		
DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	DEEP	LOG	ANODE	NO.	DEPTH	NO COKE
ANODE NO.	ANODE NO.	NO.	ANODE NO.	NO.	ANODE NO.	ANODE NO.	ANODE NO.	ANODE NO.	ANODE NO.	ANODE NO.	ANODE NO.			WITH COKE

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

ANALYSIS NO.: 1-11802
OPERATOR: MERIDIAN OIL
LOCATION: NE 33-27-5
FIELD: GOBERNADOR
SAMPLED FROM: GROUND BED @ 70'
DATE SAMPLED: OCTOBER 24, 1985
TUBING PRESSURE:
SURFACE CASING PRESSURE:

DATE: NOVEMBER 22, 1985
WELL NAME: SJ 27-5 #68 CPS #1802W
COUNTY RIO ARriba STATE: NM
FORMATION: SURFACE

SECURED BY: JOE STOTTS
CASING PRESSURE:

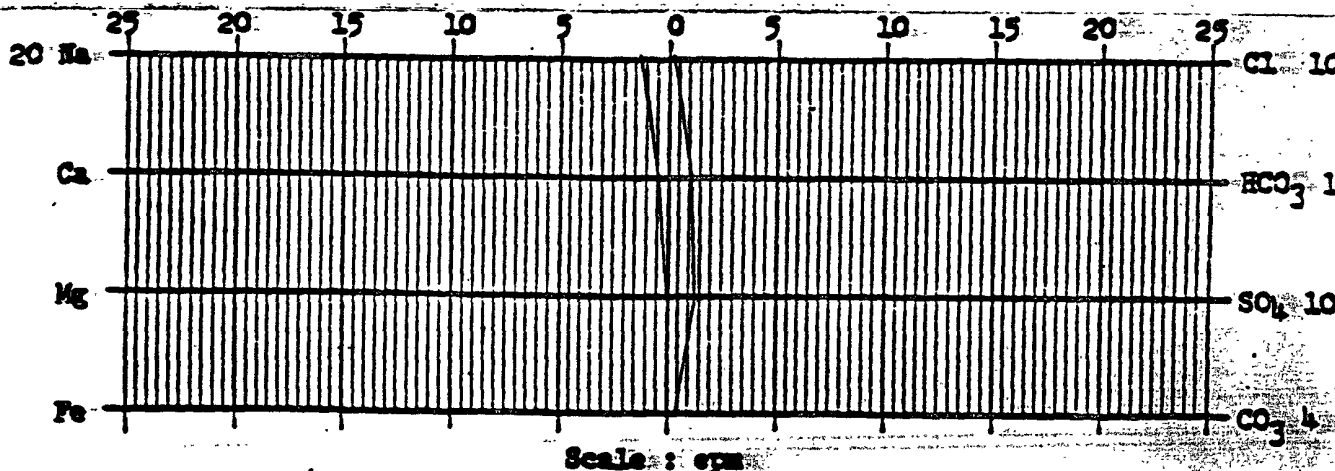
	SAMPLE SIZE	ml. TIT	AS CaCO3	AS ION	epm
TOTAL ALKALINITY	50	31	620		
P ALKALINITY	50	2	40		
BICARBONATE	50	27	540	659	10.80
CARBONATE	50	4	80	48	1.60
CHLORIDE	50	1.4		28	0.75
SULFATE				617	12.83
TOTAL HARDNESS	50	1.1	22		
CALCIUM	50	1.1	22	9	0.44
MAGNESIUM	50	0	0	0	0.00
IRON				ABSENT	
SODIUM (CALCULATED)				588	25.59
H2S				ABSENT	
HYDROCARBONS				ABSENT	
TOTAL DISSOLVED SOLIDS				1602	
pH				8.9	
SPECIFIC GRAVITY			NT AT 60F		
RESISTIVITY			417 OHM-CM AT		
CONDUCTIVITY			2400 MICROMHOS @ 25C.		

ALL RESULTS EXPRESSED IN PARTS PER MILLION-TRACE IS LESS THAN 0.1 ppm

CC: R. A. ULLRICH
J. D. EVANS
D. C. ADAMS
W. F. LORETT
J. L. WILLIAMS
G. C. KARDOS
FILE

SANDRA ARAGON

CHEMIST GCK



DAILY DRILLING REPORT

LEASE 5-27-5
5-27-5

WELL NO. ~~68~~ ~~142~~ CONTRACTOR

RIG NO.

REPORT NO.

DATE 10/24/85 19

MORNING

DAYLIGHT

EVENING

Driller Tim C RUTEL Total Men In Crew 5

Driller	Total Men In Crew
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Driller	Total Men In Crew
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[illegible]

	NO. DC _____ SIZE _____ LENG. _____		NO. DC _____ SIZE _____ LENG. _____		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
SIZE	SINGLES	SIZE	SINGLES	SIZE	SINGLES
TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY	TYPE	DOWN ON KELLY
MAKE	TOTAL DEPTH	MAKE	TOTAL DEPTH	MAKE	TOTAL DEPTH

[illegible][illegible]

REMARKS -

0-60 SANDY BROWN SHALE
60-80 WATER SAND (WATER)
80-280 BLUE SHALE
280-320 SANDY BLUE SHALE

DRILLED 320'

7.0 3/5

REMARKS -

REMARKS -

SIGNED: Toolpusher

____ Company Supervisor