

1320

75 30-039-07797 E

413 30-039-24159

413R 30-039-24396

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 K Sec. 23 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #75, #413, #413R

cps 1924w

Elevation 6260' Completion Date 9/10/84 Total Depth 540' Land Type* N/A

Casing, Sizes, Types & Depths 20' OF 8" SURFACE PIPE

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. 50' - 60' SAMPLE TAKEN

Depths gas encountered: N/A

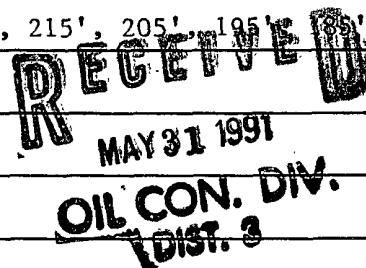
Type & amount of coke breeze used: 5000 lbs.

Depths anodes placed: 505', 470', 455', 395', 240', 215', 205', 195', 185', 170'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: (gb #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) ☐

RED RILL

Completion Date 9-10-84

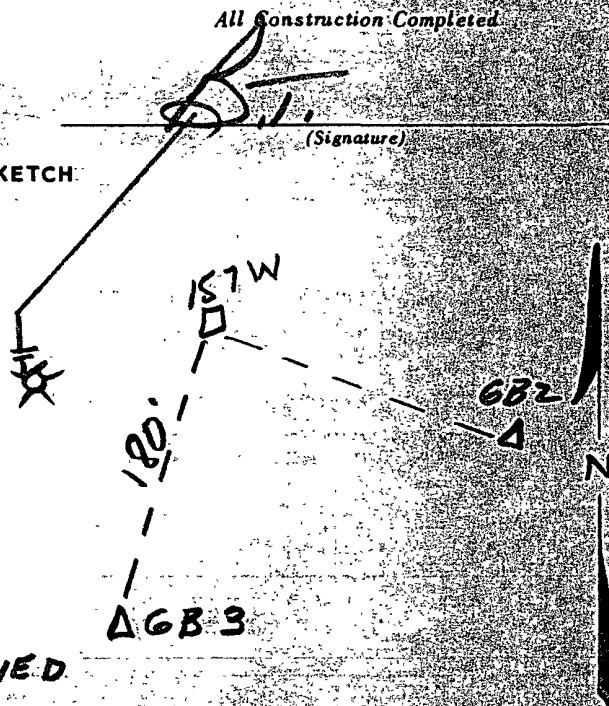
CPS #	Well Name, Line or Plant: 30-6 #75	Work Order # 52222	Static:	Ins. Union Check
157W	SD 30-6 #75 # 413 # 413R			☐ Good ☐ Bad
Location: SW23-30-7	Anode Size: 2" x 60"	Anode Type: Duriron	Size Bit: 6 3/4"	
Depth Drilled: 540'	Depth Logged: 520'	Drilling Rig Time	Total Lbs. Coke Used: 5000	Lost Circulation Mat'l Used
No. Sacks Mud Used				
Anode Depth	# 1 505	# 2 470	# 3 455	# 4 395
Anode Output (Amps)	# 5 240	# 6 215	# 7 205	# 8 195
Anode Depth	# 9 185	# 10 170	# 11 247	# 12 170
Anode Output (Amps)	# 13 180	# 14 130	# 15 189	# 16 284
	# 17 428	# 18 553	# 19 420	# 20 354
Total Circuit Resistance	Volts		Amps	
	Ohms		No. 8 C.P. Cable Used	
			No. 2 C.P. Cable Used	

Remarks: Water 50'-60'. Gal Sample. Installed 20-8" PVC Surface pipe. 1 Hr. rig time.

Rectifier Size: V A
Addn'l Depth: 20'
Depth Credit:
Extra Cable:
Ditch & 1 Cable: 180'
25' Meter Pole:
20' Meter Pole:
10' Stub Pole:

1 & 1/2 Hr. Lab.
1 Hr. rig time
Tatum 20 Hrs RT 3 No OT
Wheeler 10 ✓ ✓ ✓ 3 ✓ ✓ ✓

GROUND BED LAYOUT SKETCH



6260

INSTRUCTION LOGGING READINGS

CPS #: 157W WELL NAME: 30-6 # 75 LOCATION: SW23-30-7 DATE: 9-10-84

TOTAL VOLTS: 12.57 TOTAL AMPS: 12.30 OHMS RESISTANCE: 1.00

												ANODE READINGS			
LOG ANODE	ANODE NO.	LOG ANODE	ANODE NO.	LOG ANODE	ANODE NO.	LOG ANODE	ANODE NO.	LOG ANODE	ANODE NO.	LOG ANODE	ANODE NO.	NO.	DEPTH	NO COKE	WITH COKE
5		185	163	9	365	56		545				1	505	157	247
10		190	149		370	60		550				2	470	112	170
15		195	162	8	375	53		555				3	455	116	180
20		200	168		380	45		560				4	395	82	130
25		205	183	7	385	49		565				5	240	88	189
30		210	122		390	73		570				6	215	138	284
35		215	92	6	395	180	4	575				7	205	220	428
40		220	69		400	78		580				8	195	170	353
45		225	49		405	37		585				9	185	246	420
50	W	230	49		410	43		590				10	170	212	354
55	2	235	67		415	41		595							
60	6	240	80	5	420	41		600							
65	P	245	68		425	46		605							
70		250	66		430	51		610							
75		255	65		435	53		615							
80		260	64		440	61		620							
85		265	55		445	74		625							
90		270	53		450	88		630							
95		275	52		455	110	3	635							
100	+	280	49		460	114		640							
105	151	285	46		465	104		645							
110	86	290	54		470	91	2	650							
115	98	295	47		475	51		655							
120	70	300	47		480	47		660							
125	69	305	44		485	45		665							
130	125	310	40		490	40		670							
135	179	315	46		495	71		675							
140	164	320	60		500	60		680							
145	108	325	44		505	143	1	685							
150	77	330	44		510	131		690							
155	160	335	36		515	91		695							
160	165	340	41		520	TD		700							
165	169	345	50		525			705							
170	145	350	65		530			710							
175	154	355	66		535			715							
180	192	360	54		540			720							

REMARKS:

REMARKS: Water at 50-60". Got sample.
Installed 20" 8" PVC surface pipe. 1 hr sig time

LEASE CPS 157-10 WELL NO. 55-30-L #75 CONTRACTOR Bob Beaman RIG NO. 20 REPORT NO. 9-10-84 DATE 9-10-84

MORNING

DAYLIGHT

EVENING

Driller				Total Man/Hr Crew				Driller				Total Man/Hr Crew											
FROM	TO	FORMATION	WT. BIT	RPM	FROM	TO	FORMATION	WT. BIT	RPM	FROM	TO	FORMATION	WT. BIT	RPM									
0	80	Sand			500	540	Sand																
80	230	Shale																					
230	480	Sand																					
480	500	Shale																					
BIT NO.				NO. DC				SIZE				LENG.											
SERIAL NO.				STANDS				SINGLES				DOWN ON KELLY											
TYPE				TOTAL DEPTH				MAKE				MUD RECORD											
MUD RECORD				MUD ADDITIVES USED AND RECEIVED				MUD RECORD				MUD ADDITIVES USED AND RECEIVED											
Time				WL				VIS				Time				WL				VIS			
FROM				TO				TIME BREAKDOWN				FROM				TO				TIME BREAKDOWN			
REMARKS -				REMARKS -				REMARKS -				REMARKS -											

1 hour casing time

Hit 40 gal min at 60 feet

SIGNED: Toolpusher Daisy Weber

Company Supervisor

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

ANALYSIS NO.: 1-11444
OPERATOR: EL PASO NATURAL GAS
LOCATION: 23-30-7
FIELD: BLANCO
SAMPLED FROM: 50-60 FEET
DATE SAMPLED: SEPTEMBER 10, 1984
TUBING PRESSURE:
SURFACE CASING PRESSURE:

DATE: SEPTEMBER 14, 1984
WELL NAME: SAN JUAN 30-6 #75 C.P.S. 1549
COUNTY SAN JUAN STATE: NEW MEXICO
FORMATION:
SECURED BY: BILL TATUM
CASING PRESSURE:

	SAMPLE SIZE	ml. TIT	AS CaCO ₃	AS ION	epm
TOTAL ALKALINITY	25	16.4	656		
P ALKALINITY	25	0	0		
BICARBONATE	25	16.4	656	800	13.1
CARBONATE	25	0	0	0	0.0
CHLORIDE	25	3.5		140	3.9
SULFATE				753	15.4
TOTAL HARDNESS	25	11.5	460		
CALCIUM	25	7.7	308	128	6.4
MAGNESIUM	25	3.8	152	37	3.0
IRON					
SODIUM (CALCULATED)				541	23.5
H ₂ S					
HYDROCARBONS					
TOTAL DISSOLVED SOLIDS				1896	
pH				7.5	
SPECIFIC GRAVITY			1.0014 AT 60F		
RESISTIVITY			303 OHM-CM AT 74		
CONDUCTIVITY			3300 MICROMHOS @ 25C		

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

cc: R. A. ULLRICH
D. C. ADAMS
E. R. PAULEK
W. B. SHROPSHIRE
FILE

Lennie Bird
CHEMIST CCK

