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District I
1625 N. French Dr., Hobbs, NM 88240
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1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-01048

5. Indicate Type of Lease
STATE ☐ FEE ☐ XXX ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Mathers A

8. Well Number 2

9. OGRID Number

10. Pool name or Wildcat
Bagley Permo - Penn

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

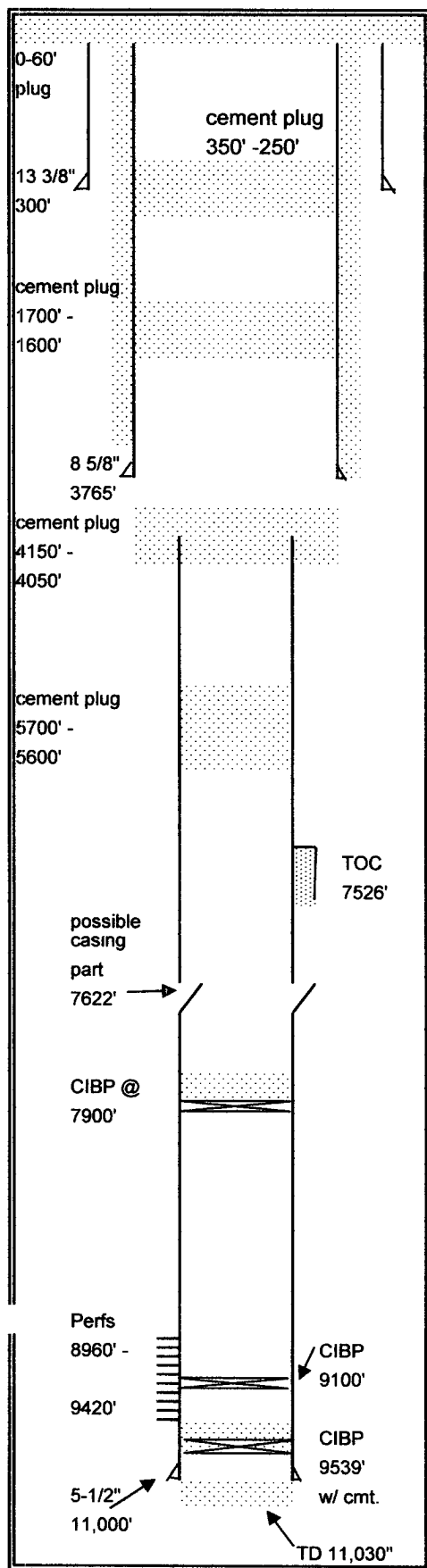
2. Name of Operator Paladin Energy Corp.

3. Address of Operator 10290 Monroe Dr., Suite 301
Dallas, Texas 75229

4. Well Location

Unit Letter F : 1980 feet from the North line and 1980 feet from the West line
Section 3 Township 12S Range 33E 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 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PROPOSED PLUG AND ABANDONMENT



Lease: W.E. Mathers A **Well:** #2 **API #** 30-025-01048
Field: East Caprock **County:** Lea **State** New Mexico
Section 3 **Township** 12-S **Range** 33-E
Elev. GL _____ **Elev. DF** 4260' **Elev. KB** _____
Spudded 10/10/1951 **Completed** 1/20/1952 **1980 FNL, 1980 FWL**

Surface Casing	13 3/8" OD	36#/Ft.	Grade	Armco SJ, SW
	Set @	300'	Hole Size	17 1/2"
	TOC	Sur.	Sacks	225
Intermediate Casing	8 5/8" OD	24 & 32#/Ft.	Grade	J-55
	Set @	3765'	Hole Size	12 1/4", 11"
	TOC	1117'	Sacks	1,500
Production Casing	5-1/2"	17#/Ft.	Grade	J-55
	Set @	11,000'	Hole Size	7-7/8"
	TOC	7659'	Sacks	600
Liner Record	OD	#/Ft.	Grade	
	Top @		Bottom @	
	Screen		Hole Size	
	TOC		Sacks	
Tubing Detail			Grade/Trd.	
	Pkr. Set @		EOT	
	Nipples			
	Anchors		Rods	

Perforations	8,960 - 9,420'	Penn Formation

Proposed			
P&A Plug Record		CIBP @ 7900'	
Plug 1 -	7,900-7,800'	25 sacks	
Plug 2 -	5700' -5600'	25 sacks	
Plug 3 -	4150' - 4050'	25 sacks	
Plug 4 -	1700' - 1600'	50 sacks	
Plug 5 -	350' - 250'	50sacks	
Plug 6 -	0 to 60'	50 sacks	

Comments:

PALADIN ENERGY CORP.

Well Servicing, Workover & Completion Record

LEASE	MATHERS	WELL NO	A-2	DATE(S)	03/30/01
FIELD	Bagley Upper Penn	COUNTY	LEA	STATE	N.M.
CONTRACTOR		SUPERVISOR	HORN		
WORK SUMMARY	Workover	AFE No.	301108001S	AMOUNT	\$ 80,850.00

04/22/01 - 04/23/01 Shut Down for Weekend

04/24/01 Day 19

TIH/w 4-3/4" bit, 1 jt 2-3/8" tubing, bent sub, 4-3-1/2" drill collars and 250 jts 2-3/8" tubing. Cleaned fill from 7553' to 7622'. Could not get into casing stub. TOH/w tubing and bit. TIH/w 2-3/8" muleshoe, bent sub, 2 jts tubing, 4-3-1/2" drill collars and tubing. Loaded hole with 10# brine.

SDFN

TOTAL DAILY COST	4650
CUMULATIVE COST	202400

04/25/01 Day 20

Worked muleshoe for 7 hrs, could not get into casing stub. TOH/w tubing and tools. TIH/w bull plug, perf. sub and 145 jts 2-3/8" tubing and 80 jts 2-7/8" tubing. ND BOPs, end of tubing at 7000'.

SDFN

TOTAL DAILY COST	4850
CUMULATIVE COST	207250

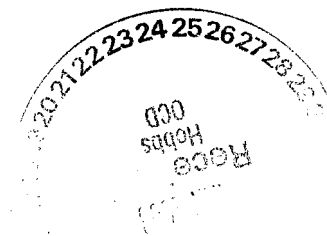
04/26/01 Day 21

TIH/w rods. NU well head and shut well in. RD & MO

TOTAL DAILY COST	1850
CUMULATIVE COST	209100

04/27/01

Well shut in for evaluation. Will drop from report.



PALADIN ENERGY CORP.

Well Servicing, Workover & Completion Record

LEASE	<u>MATHERS</u>	WELL NO	<u>A-2</u>	DATE(S)	<u>03/30/01</u>
FIELD	<u>Bagley Upper Penn</u>	COUNTY	<u>LEA</u>	STATE	<u>N.M.</u>
CONTRACTOR		SUPERVISOR	<u>HORN</u>		
WORK SUMMARY	<u>Workover</u>	AFE No.	<u>301108001S</u>	AMOUNT	<u>\$ 80,850.00</u>

04/14/01 Day 13

RU Computalog wireline, TIH/w 4" hollow carrier gun, perforated 4 squeeze holes at 7540'. TIH/w 2 jts 2-3/8" tubing, 2-3/8" X 5-1/2" packer, SN, and 254 jts 2-3/8" tubing. Set packer at 7530', tested csg to 500#, tested ok. Reset packer at 7590', pumped down tubing, well circulated out csg. Tagged fill at 7620', plugged tubing. Pulled wet string. End of tubing filled with formation.

SDFN

TOTAL DAILY COST	5750
CUMULATIVE COST	176400

04/15/01 - 04/16/01 Shut down for Weekend

04/17/01 Day 14

TIH/w 2 jts 2-3/8" tubing, 4-3/4" casing swage, bumper sub, and 250 jts 2-3/8" tubing. Tagged at 7590', RU reverse unit, broke circulation. Cleaned from 7590' to 7600'. Tubing plugged, pulled wet string. Found drilling mud and formation in tubing. TIH/w 4-5/8" bit, 4-3-1/2" drill collars and 240 jts 2-3/8" tubing.

SDFN

TOTAL DAILY COST	4050
CUMULATIVE COST	180450

04/18/01 Day 15

Tagged fill at 7595', cleaned from 7595' to 7622'. Could not get into casing stub. TOH/w tubing and bit. TIH/w 2 jts 2-3/8" tubing with 2' muleshoe, 4-3-1/2" drill collars and 254 jts 2-3/8" tubing. Could not work tubing into casing stub. TOH/w tubing. TIH/w 30' bent muleshoe jt, 4-3-1/2" drill collars.

SDFN

TOTAL DAILY COST	3950
CUMULATIVE COST	184400

04/19/01 Day 16

TIH/w 254 jts 2-3/8" tubing. Could not work muleshoe into casing stub. TOH/w tubing and tools. TIH/w 30' muleshoe, 2-3/8" x 8' sub, bent to 8 degrees, 4 jts 2-3/8" tubing, 4-3-1/2" drill collars, and 252 jts 2-3/8" tubing. Worked muleshoe jt into casing to 7677'. TOH/w 10 jts tubing

SDFN

TOTAL DAILY COST	4350
CUMULATIVE COST	188750

04/20/01 Day 17

TIH/w 10jts 2-3/8" tubing. Tubing went into casing stub, RU swivel cleaned from 7620' to 7700'. TOH/w tubing and tools. TIH/w muleshoe, 2 jts 2-3/8" tubing, 4-3/4" casing swage, bumper sub, 4-3-1/2" drill collars and 254 jts tubing. Worked tubing and swage into casing stub. TOH/w 10 jts tubing.

SDFN

TOTAL DAILY COST	4350
CUMULATIVE COST	193100

04/21/01 Day 18

TOH/w tubing and tools. TIH/w 5-1/2" Halliburton casing alignment tool and 254 jts 2-3/8" tubing. Tagged fill at 7530' (90' of fill). TOH/w 20jts tubing.

SDFN

TOTAL DAILY COST	4650
CUMULATIVE COST	197750

PALADIN ENERGY CORP.

Well Servicing, Workover & Completion Record

LEASE	<u>MATHERS</u>	WELL NO	<u>A-2</u>	DATE(S)	<u>03/30/01</u>
FIELD	<u>Bagley Upper Penn</u>	COUNTY	<u>LEA</u>	STATE	<u>N.M.</u>
CONTRACTOR		SUPERVISOR	<u>HORN</u>		
WORK SUMMARY	<u>Workover</u>	AFE No.	<u>301108001S</u>	AMOUNT	\$ <u>80,850.00</u>

04/07/01 Day 7

Picked up bridge plug and 2 jts 2-3/8" tubing. Rig operator did not close slips, lost plug and tubing in hole.

Key Well Service agreed to fish plug and tubing at no cost.

TIH/w over shot and tubing,. Found plug at 7622', could not catch fish. Too windy to work.

SDFN

TOTAL DAILY COST	0
CUMULATIVE COST	158800

04/08/01 Day 8

TOH/w tubing and overshot. Changed grapple. TIH/w overshot and tubing, caught fish, could not work plug free.

Released bridge plug setting tool. TOH/w tubing and overshot, 2 jts 2-3/8" tubing and setting tool.

SDFN

TOTAL DAILY COST	0
CUMULATIVE COST	158800

04/09/01 Shut down for weekend

04/10/01 Day 9

TIH/W bridge plug setting tool, bumper sub, and 245 jts 2-3/8" tubing. Caught bridge plug, worked for one hr.

Plug came free. TOH/W tubing and plug. Found formation and drilling mud in plug.

SDFN

TOTAL DAILY COST	0
CUMULATIVE COST	158800

04/11/01 Day 10

TIH/w 2 jts 2-3/8" tubing, 4-3/4" casing swage, bumper sub, 4-3-1/2" drill collars, and tubing. Set down at 7622', put 8000# on swage, swage went through parted casing easily, worked swage from 7000' to 7800'.

Casing looked to be in good shape. TOH/w tubing and tools.

SDFN

TOTAL DAILY COST	4350
CUMULATIVE COST	163150

04/12/01 Day 11

~~TIH/w 5-1/2" bridge plug and 254 jts 2-3/8" tubing. Set plug at 7900'. Spotted 2 sks sand on plug.~~

TOH/w 22 jts 2-3/8" tubing. Shut down due to high winds.

SDFN

TOTAL DAILY COST	4150
CUMULATIVE COST	167300

04/13/01 Day 12

TOH/w tubing and setting tool. TIH/w 2-3/8" X 5-1/2" packer and 244 jts tubing. Set packer at 7590',

Tested casing to 500#, tested ok. Pressure tubing to 4000#, could not pump in casing part. Open surface valve and 8-5/8" casing valve. Had no flow. Released packer and TOH/w tubing and packer.

SDFN

TOTAL DAILY COST	3650
CUMULATIVE COST	170950

PALADIN ENERGY CORP.**Well Servicing, Workover & Completion Record**

LEASE	<u>MATHERS</u>	WELL NO	<u>A-2</u>	DATE(S)	<u>03/30/01</u>
FIELD	<u>Bagley Upper Penn</u>	COUNTY	<u>LEA</u>	STATE	<u>N.M.</u>
CONTRACTOR		SUPERVISOR	<u>HORN</u>		
WORK SUMMARY	<u>Workover</u>	AFE No.	<u>301108001S</u>	AMOUNT	<u>\$ 80,850.00</u>

03/30/01 Day 1

MI & RU Key well service to repair casing leak. TOH/w rods and pump. Released TAC, TOH/w 44 jts 2-7/8" tubing, tubing dragging 20,000# over string weight. Tubing stuck, could not work tubing up or down.

SDFN

TOTAL DAILY COST	2850
CUMULATIVE COST	127000

03/31/01 Day 2

RU Rotary wire line, free pointed tubing at 7625', cut tubing with chemical cutter at 7600'. TH/w overshot, bumper sub, jars, 6-3-1/2" drill collars, and tubing. Caught fish, jarred tubing 2 times, fish came free.

TOH/w tubing, tools and fish. SDFN

TOTAL DAILY COST	9050
CUMULATIVE COST	136050

04/01/01 - 04/02/01 Shut Down for Weekend

04/03/01 Day 3

TIH/w 48 jts 2-3/8" tubing, 4-3/4" casing swage, bumper sub, jars, 6-3-1/2" drill collars and 253 jts 2-3/8" tubing. Worked swage through tight spot at 7620'. TOH/w tubing and tools.

SDFN

TOTAL DAILY COST	5050
CUMULATIVE COST	141100

04/04/01 Day 4

TIH/w 4-5/8" lead impression block, bumper sub, jars, 6-3-1/2" drill collars and tubing. Tagged casing at 7620'. TOH/w tubing and tools. Lead block showed 1/2" casing finger and 1/4" casing lip on one side.

SDFN

TOTAL DAILY COST	3000
CUMULATIVE COST	144100

04/05/01 Day 5

TIH/w 1jt 2-3/8" tubing, 2-3-1/2" drill collars, 4-3/4" string mill, 2-3-1/2" drill collars, jars, 2-3-1/2" drill collars, and 241 jts 2-3/8" tubing. Milled from 7620 to 7624' inside casing. Circulated hole clean.

SDFN

TOTAL DAILY COST	6050
CUMULATIVE COST	150150

04/06/01 Day 6

Milled on casing for 4 hrs, from 7624 to 7626' inside casing. Mill quit torquing, TIH to 8000'. TOH/w tubing and tools. String mill in gauge. RU computalog wireline. TIH/w 4" gauge ring to 8000'. TIH/w casing inspection tool, logged tubing from 7800' to 6800'. Found hole in casing at 7641', and casing parted from 7622' to 7624'.

SDFN

TOTAL DAILY COST	8650
CUMULATIVE COST	158800