

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
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

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

Form C-103
May 27, 2004

WELL API NO. 30-025-30855

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Howard Fleet

8. Well Number 5

9. OGRID Number

10. Pool name or Wildcat
King Devonian

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 I : 2250 feet from the South line and 600 feet from the East line
Section 35 Township 13S Range 37E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3843' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type Steel Tank Depth to Groundwater 60 Distance from nearest fresh water well 1 mile Distance from nearest surface water 1 mile +

Pit Liner Thickness: mil Below-Grade Tank: Volume bbls Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER:

OTHER: Deepen to Devonian ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

4/2/2008 – 6/25/2008

Drilled out CIBP at 9,320', Squeezed Penn perforations from 9,322-877', & Wolfcamp perms from 10,087-874'. Drilled out squeeze cement, cleaned casing and tested squeeze to 500 psi, 30 minutes, OK Drilled out 5-1/2" casing shoe and deepened wellbore with 4-3/4" bit assembly from 10,915' to 12,582'. Set 3-1/2" liner from 10,657' to 12,582'. Cement liner with 100 sacks Class H, drilled out cement to float collar. Perforated King Devonian Formation from 12,325-12,490'. Acidized perforations, swabbed back, set submersible pump assembly and tested well.

Test 6/25/2008: 40 BOPD, 250 BWPD, 80 MCFPD

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE [Signature]

TITLE VP Exploration & Production DATE 7/2/2008

Type or print name

E-mail address:

Telephone No.

For State Use Only

APPROVED BY: [Signature]

TITLE

PETROLEUM ENGINEER

DATE

DEC 22 2008

Conditions of Approval (if any):

Results of Directional Survey

API number:	30-025-30855		
OGRID:		Operator:	PALADIN ENERGY CORP
		Property:	HOWARD FLEET # 5

surface	ULSTR: I	35	T 13S	R 37E
		2250	FSL	600 FEL

BH Loc	ULSTR: I	35	T 13S	R 37E
		2361	FSL	496 FEL

	MD	N/S	E/W	VD
	12120	119.09	142.18	12109.28
TOP PERFS/OH	12325	115.63	125.20	12313.58
	12152	118.55	139.53	12141.17
	12120	119.09	142.18	12109.28
BOT PERFS/OH	12490	112.85	111.54	12478.01
	12152	118.55	139.53	12141.17

NEXT TO LAST	12120	119.09	142.18	12109.28
LAST READING	12152	118.55	139.53	12141.17
TD	12582	111.29	103.92	12569.69

Surface Location	2250	FS	600	FE
Projected BHL	2361	FS	496	FE
Location of				
Top Perfs/OH	2366	FS	475	FE
Bottom Perfs/OH	2363	FS	488	FE

SUMMARY of Subsurface Locations

Surface Location	I-35-13S-37E	2250	FS	600	FE	Vert. Depth
Top Perfs/OH	I-35-13S-37E	2366	FS	475	FE	12313.58
Bottom Perfs/OH	I-35-13S-37E	2363	FS	488	FE	12478.01
Projected TD	I-35-13S-37E	2361	FS	496	FE	12569.69



Job Number: 20080135D-MD
 Company: Paladin Energy Corp.
 Lease/Well: Howard Fleet #5
 Location: Lea County
 Rig Name: Basic #1297

State/Country: New Mexico / USA
 Declination: ☐
 Grid: ☐
 File name: C:\DOCUME~1\LEAM\MYDOCU~1\PALADIN\HF#5~1\FL
 Date/Time: 21-May-08 / 15:20
 Curve Name: H.F. #5 Check Shots

LEAM Drilling Systems, Inc.

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 71.25
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

RECEIVED

DEC 01 2008
 HOBBS (N)

Measured Depth FT	Course Length FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	Dogleg Severity Deg/100	CLOSURE Distance FT	Direction Deg
11271.00		5.00	124.20	11264.70	226.20	185.60	175.87	.00	255.69	43.46
Sidetrack @ 11370' - 90% Shale, 10% Cement.										
11366.00	95.00	5.20	172.60	11359.37	227.84	179.00	179.85	4.40	253.75	45.14
11397.00	31.00	7.20	190.30	11390.19	226.62	175.70	179.68	8.85	251.31	45.64
11429.00	32.00	7.60	190.70	11421.92	224.61	171.64	178.93	1.26	247.95	46.19
11460.00	31.00	7.60	190.30	11452.65	222.61	167.61	178.19	.17	244.63	46.75
11524.00	64.00	7.30	196.30	11516.11	218.22	159.55	176.29	1.30	237.76	47.85
11555.00	31.00	7.10	195.40	11546.86	216.01	155.81	175.23	.74	234.48	48.36
11586.00	31.00	7.10	198.80	11577.63	213.77	152.15	174.10	1.36	231.21	48.85
11618.00	32.00	7.00	197.00	11609.38	211.42	148.41	172.89	.76	227.85	49.36
11649.00	31.00	6.70	196.10	11640.16	209.28	144.87	171.84	1.03	224.75	49.87
11681.00	32.00	6.20	202.10	11671.96	207.09	141.47	170.67	2.62	221.68	50.34
11711.00	30.00	5.30	206.00	11701.81	205.05	138.73	169.45	3.27	219.00	50.69
11742.00	31.00	5.40	207.70	11732.67	202.99	136.15	168.15	.60	216.36	51.00
11774.00	32.00	5.20	211.40	11764.54	200.78	133.58	166.69	1.24	213.61	51.29
11805.00	31.00	5.30	215.70	11795.41	198.54	131.21	165.13	1.31	210.91	51.53
11837.00	32.00	5.20	219.20	11827.27	196.11	128.89	163.35	1.05	208.07	51.72
11868.00	31.00	4.60	232.50	11858.16	193.74	127.05	161.47	4.13	205.46	51.80
11900.00	32.00	4.80	237.50	11890.05	191.22	125.54	159.32	1.42	202.84	51.76
11931.00	31.00	4.40	244.00	11920.95	188.78	124.33	157.16	2.12	200.39	51.65
11962.00	31.00	4.80	247.30	11951.85	186.31	123.30	154.90	1.55	197.98	51.48
11994.00	32.00	4.90	248.50	11983.74	183.61	122.29	152.39	.45	195.39	51.25
12026.00	32.00	5.00	250.80	12015.62	180.85	121.33	149.80	.69	192.77	51.00
12057.00	31.00	4.80	251.90	12046.51	178.20	120.48	147.29	.71	190.29	50.72
12089.00	32.00	4.80	254.90	12078.39	175.53	119.72	144.73	.78	187.82	50.40

Measured Depth FT	Course Length FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	Dogleg Severity Deg/100	CLOSURE Distance FT	Direction Deg
12120.00	31.00	4.90	257.30	12109.28	172.92	119.09	142.18	.73	185.47	50.05
12152.00	32.00	4.80	260.00	12141.17	170.24	118.55	139.53	.78	183.10	49.65
Projection to bit.										
12582.00	430.00	4.80	260.00	12569.66	134.67	112.31	104.10	.00	153.13	42.83